This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

LITTAUER LIBRARY
LI 3BFU C

HARVARD UNIVERSITY
FEB 20 1945
GRADUATE SCHOOL OF PUBLIC ADMINISTRATION

STATE BOARD OF HEALTH MASSACHUSETTS

PUBLIC DOCUMENT ..... No. 1.

THIRTY-SEVENTH REPORT

TO THE

LEGISLATURE OF MASSACHUSETTS

RELATING TO THE

Registry and Return

OF

BIRTHS, MARRIAGES, AND DEATHS

IN THE

COMMONWEALTH,

FOR THE YEAR ENDING DECEMBER 31, 1878.

PREPARED UNDER DIRECTION OF THE

SECRETARY OF THE COMMONWEALTH.

BOSTON:
Rand, Avery, & Co., Printers to the Commonwealth,
117 FRANKLIN STREET.
1879

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

PUBLIC DOCUMENT..... .....No. 1.

THIRTY-SEVENTH REPORT

TO THE

LEGISLATURE OF MASSACHUSETTS

RELATING TO THE

Registry and Return

OF

BIRTHS, MARRIAGES, AND DEATHS

IN THE

COMMONWEALTH,

FOR THE YEAR ENDING DECEMBER 31, 1878.

PREPARED UNDER DIRECTION OF THE

SECRETARY OF THE COMMONWEALTH.

BOSTON:

Rand, Avery, & Co., Printers to the Commonwealth,

117 FRANKLIN STREET.

1879.

Digitized by Google

Digitized by Google

Commonwealth of Massachusetts.

SECRETARY'S DEPARTMENT, BOSTON, Sept. 8, 1879.

To the Honorable Senate and House of Representatives.

IN conformity with the requirements of the General Statutes, I have the honor to submit herewith the Thirty-Seventh Annual Registration Report, relating to the Births, Marriages, and Deaths occurring in Massachusetts, and registered in the several cities and towns, during the year ending Dec. 31, 1878.

By arrangements made last year, in order to secure the co-operation and assistance of the State Board of Health, the present Report has been edited by their Secretary, Dr. CHARLES F. FOLSOM, Lecturer on Hygiene and Mental Diseases in the Medical Department of Harvard University.

In conformity with his suggestions, several improvements have been introduced, particularly in the addition of the new tables, XI. — Classified Causes of Death for each of Twenty-two Years; and XII. — Table of Deaths in each town from certain Specified Causes during the year 1878.

In Table XIV. the columns of "Ratios" will be discontinued until the occurrence of the next census, it being demonstrable that a *computed* population is not sufficiently accurate for the determination of the ratios of the intermediate years. A feature of interest is added to this

Digitized by Google

table, however, by the exhibition of the average ages of all in the State and Counties whose deaths occurred during the Fourteen Years, 1865–78.

The compilation from the original returns, and the difficult computations therefrom, have been performed in this office by the same experienced and competent hands as in former years, and with a degree of accuracy and expedition obtainable only by long practice.

Respectfully submitted.

HENRY B. PEIRCE,

Secretary of the Commonwealth.

Digitized by Google

CONTENTS.

	Page
Estimated population, 1878	1
Total of Births, Marriages, and Deaths, 1878	1
Comparison with 1877	1
Birth, Marriage, and Death rates	1
Births, Deaths, and Marriages, twenty-five years — *Table*	2
Marriages, Births, and Deaths, rates for periods ending with census years — *Table*	3
Birth and Death rates for twenty years, compared with those of several foreign countries — *Table*	4
POPULATION.	
Increase of population since 1870	5
(Statistics of immigration and assessed polls, nine years — *Table*)	6
BIRTHS.	
Number in past twenty years — *Table*	7
Birth-rate in 1877, 1863–65, and 1872–74	7
Birth-rate in previous twenty-eight years — *Table*	8
Births, 1865–78, and Birth-rates in census years, by counties — *Table*	9
City Births and Birth-rates in previous fourteen years — *Table*	11
Births and Birth-rates, by months and quarters, 1878 — *Table*	12
Births in periods of six months — *Table*	13
Births — Proportion of the sexes, twenty-seven years — *Table*	14
Proportion of the sexes in each county in 1878 and previous fifteen years — *Table*	15
Parentage — *Table*	16
Parentage of American and foreign Births in 1878 and previous ten years — *Table*	18
Percentages for the last thirty years — *Table*	18
Births in each of the twenty years, 1859–78, sex and percentage — *Table*	20
Percentage of plural Births, fifteen years, 1864–78 — *Table*	21
Plural Births, fifteen years — *Table*	22
Illegitimate Births in 1878 and in twenty years, 1859–78 — *Table*	22
Illegitimate Births, nativity of mothers, fifteen years	23
Still-born	24
MARRIAGES.	
Number and rates in twenty-five years — *Table*	25
Marriage-rates compared with those of several foreign countries, twenty-five years — *Table*	26

Digitized by Google

Page
Marriage-rates and Marriages, by counties, 1866–78 — *Table* 26
City Marriages and Marriage-rates, 1875–78 — *Table* 27
Monthly and quarterly aggregates and percentages — *Tables* 28
Ages at marriage — *Table* 29
Average ages at marriage (approximate), ten years, 1869–78 — *Table* . . 30
Social or conjugal condition of persons married in 1878 — *Table* . . . 30
Percentages of first and subsequent Marriages in ten years — *Table* . . 31
Certain marriages in 1878 — *Table* 32
Nativity of persons married — *percentages* — *Table* 34
Proportion of native to foreign-born persons married — *Table* 34

DEATHS.

Summary comparison 35
Death-rate for thirty years and annual mean of quinquennial periods — *Table* 36
Death-rate compared with those of several foreign countries — *Table* . . 37
County Deaths, fourteen years, and Death-rates in census years — *Table* . 38
Death-rates and Deaths in six geographical divisions — *Table* 39
Death-rates and Deaths in centres of population — *Table* 40
Deaths in each month and quarter of the year — *Table* 41
Percentages of deaths, by quarters, ten years — *Table* 42
Weather record — *Table* 43
Sex 43
Deaths and Death-rates of males and females compared — *Table* . . . 44
Deaths at different ages, 1878 — *Table* 44
Deaths at different ages — *percentages* — ten years — *Table* 45
Deaths at different ages, ten years — *Table* 46
Infant mortality, ten years — *Table* 46
Deaths and Death-rates at specified ages, fourteen years — *Table* . . . 47
Average ages at death, by counties, fourteen years — *Table* 48
Deaths of persons, aged 100 years — *Table* 50
Nativity of Decedents in 1878 — *Table* 51
Nativity of Decedents, twenty-five years — *Table* 52

CAUSES OF DEATH.

Deaths classified as to causes, 1878 — *Table* 53
Deaths classified as to causes, ten years — *percentages* — *Table* . . . 54
Deaths from zymotic diseases, ten years — *Table* 55
Deaths and Death-rates from constitutional diseases, twenty-two years — *Table* 56
Deaths from local diseases, ten years — *Table* 57
Deaths from chief developmental diseases, ten years — *Table* 58
Violent Deaths, ten years — *Table* 59
Deaths from specified prominent causes, seven years — *Table* 59
Deaths from the most destructive five causes, by counties, in 1878 — *Table* . 61
Deaths from the most destructive five causes, by ages, in 1878 — *Table* . . 63
Deaths from specified causes in 1878 — *Table* 64
Percentages of the same — *Table* 66
Deaths from specified causes, sixteen years — *Table* 68
Percentages of the same — *Table* 70
Apoplexy 73
Deaths from brain disorders, twenty-two years — *Table* 73
Deaths and Death-rates from brain disorders in last four census years . . 74
Cancer 74
Cholera infantum — Mortality from same, ten years — *Table* 74
Consumption 75

Digitized by Google

Page
Deaths from same, by months and quarters, in 1878 — *Table* 76
Deaths from same, by sex and age — *Table* 76
Deaths from same, by counties — *Table* 77
Diphtheria 77
Deaths from diphtheria and croup, twenty-five years — *Table* . . . 78
Deaths from diphtheria, by counties, six years — *Table* 79
Deaths from diphtheria, by months and quarters, in 1878 80
Dysentery 80
Deaths from same, by counties, four years — *Table* 80
Measles 81
Deaths from same, twenty years — *Table* 81
Pneumonia 82
Deaths from same, twenty years — *Table* 82
Deaths from same, by ages, in 1878 — *Table* 82
Deaths from same, by months and quarters, in 1878 — *Table* 83
Scarlatina 83
Deaths from same, twenty years — *Table* 83
Small-pox 84
Deaths from same, twenty-eight years — *Table* 84
Typhoid fever 85
Deaths from same, twenty years — *Table* 85
Deaths from same, by counties, ten years — *Table* 86
Whooping-cough 87
Meteorology 88

ABSTRACTS — 1878.

I. — General Abstract. — Population of 1875. — Births, Marriages, and Deaths registered in each county and town in 1878, distinguishing sex and parentage of Births, nativity of the Married, and sex and average age of Decedents . ii
II. — Births registered in 1878, by counties, by months, and by sex, xx
A. — *Supplement* — Plurality Births registered in 1878, by counties, by months, and by sex xxii
B. — *Supplement* — Illegitimate Births registered in 1878, by counties, by months, and by sex xxiv
III. — Still-born registered in 1878, by counties, by months, and by sex xxvi
IV. — Marriages registered in 1878, by counties and by months . xxviii
V. — Marriages as registered in 1878, by ages and conjugal conditions xxix
VI. — Deaths registered in 1878, by counties, by months, and by sex, xxxii
VII. — Deaths, exhibiting the age and sex of Deaths registered in each county and town in 1878; also Population of 1875, and Ratio of Deaths to Population xxxiv
VIII. — Causes of Death — 1878 — *alphabetically* arranged, by months, ages, and sex lxxii
IX. — Causes of Death — 1878 — *nosologically* classified, by counties, xc
Note to preceding xcviii
X. — Comparative Mortality — Causes of Death for *thirty-seven* years; also for last five years, *nosologically* classified, with ratios and percentages c
Note on classification of infantile diseases xcix
XI. — Causes of Death for each of the twenty-two years, 1857 to 1878, *nosologically* arranged cviii
XII. — Deaths from Several specified Causes — 1878, by counties and by towns cxvi

Digitized by Google

Page

XIII. — Occupations — 1878 and 1843–78 — numbers, with their aggregate and average ages, registered as having died after pursuing various specified occupations cxxvi

FOURTEEN YEARS' ABSTRACTS — 1865–78.

XIV. — General Abstract. — Births, Marriages, and Deaths registered in each city and town during *fourteen years* — 1865–78 — stating sex and average age of those deceased in each county during the period specified cxxxiv

XV. — Births registered in 1865–78, by counties, by months, and by sex cxli

Supplement — Plurality Births registered in 1865–78, by counties, by months, and by sex cxliv

XVI. — Still-born registered in 1865–78, by counties, by months, and by sex cxlvi

XVII. — Marriages registered in 1865–78, by counties and by *months* . cxlviii

XVIII. — Marriages registered in 1865–78, by *ages*, and by social or conjugal conditions cxlix

XIX. — Deaths registered in 1865–78, by counties, by *months*, and by sex clii

XX. — Deaths registered in 1865–78, by counties, by *age*, and by sex, cliv

APPENDIX.

Laws relating to Registry and Returns of Births, Marriages, and Deaths in Massachusetts clvi

relating to Marriage in Massachusetts clix

Classification of Diseases, as adopted in the Registration of Massachusetts clxiv

Digitized by Google

THIRTY-SEVENTH REGISTRATION REPORT.

(1878.)

THE population of the State of Massachusetts in 1875 was, by the census, 1,651,912; showing an average annual rate of increase of 2·538 per cent since the census of 1870. In computing the approximate population for the Registration Reports of the years 1876 and 1877 (1,693,837 and 1,736,826),* the above-mentioned rate of increase was adopted, according to which the population for the middle of the year 1878 would be 1,780,907; but this probably is an over-estimate.

There were reported, in 1878, 41,238 births, 12,893 marriages, and 31,303 deaths; or 612 births *less* than in 1877, 135 marriages *more*, and 39 deaths *less*.

The excess of living births over deaths was, as recorded, 9,935; indicating a natural increase in the population of 573 less than in the previous year.

For reasons which will be given at length on page 5, the population for the middle of the year 1878 has been estimated to be approximately 1,667,200, which would give the following rates for that year: —

Births	24·73	to 1,000	of	population.
Marriages	7·73	"	"	"
Deaths	18·78	"	"	"
Excess of births over deaths	5·95	"	"	"

The same assumed population would indicate one living child born to every 40 persons, one person in every 65 married, and one death in every 53 living.

In the following table the population for 1850 and each subsequent fifth year is given according to the census. In the intermediate years it has been computed; and after 1875 the best

* Making the birth-rates and death-rates for 1876 and 1877 respectively 24·9 and 24·1, and 19·6 and 18·0.

Digitized by Google

attainable estimates have been used, after consulting the available data and comparing them with one another. From 1849 to 1865 the careful computations for the census report of 1865, by Dr. Edward Jarvis, have been used.

TABLE showing the number of BIRTHS, MARRIAGES, and DEATHS registered in Massachusetts during the past thirty years, with the Population and Rates.

YEARS.	Population.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.	Births to 1,000 Persons.	Persons Married to 1,000.	Deaths to 1,000 Persons.	Rate of Increase to 1,000 Persons.	Ratio of Births to Marriages.
1849 .	965,240	25,773	6,936	20,423	5,350	26·70	14·37	21·16	5·54	3·71
1850 .	994,514	27,664	10,345	16,606	11,058	27·82	20·80	16·70	11·12	2·67
1851 .	1,002,003	28,681	11,966	18,934	9,747	28·62	23·88	18·90	9·72	2·40
1852 .	1,027,508	29,802	11,578	18,482	11,320	29·00	22·54	17·99	11·01	2·57
1853 .	1,075,007	30,920	12,828	20,301	10,619	28·76	23·86	18·88	9·88	2·41
1854 .	1,103,351	31,997	13,683	21,414	10,583	29·00	24·80	19·41	9·59	2·34
1855 .	1,132,364	32,845	12,329	20,798	12,047	29·01	21·77	18·37	10·64	2·66
1856 .	1,151,455	34,445	12,265	20,734	13,711	29·91	21·30	18·01	11·90	2·81
1857 .	1,170,862	35,320	11,739	21,280	14,040	30·17	20·05	18·17	12·00	3·01
1858 .	1,190,592	34,491	10,527	20,776	13,715	28·97	17·68	17·45	11·52	3·28
1859 .	1,210,656	35,422	11,475	20,976	14,446	29·26	18·96	17·33	11·93	3·09
1860 .	1,231,066	36,051	12,404	23,068	13,983	29·28	20·15	18·74	10·54	2·91
1861 .	1,238,110	35,445	10,972	24,085	11,360	28·63	17·72	19·46	9·17	3·23
1862 .	1,245,310	32,275	11,014	22,974	9,301	25·92	17·69	18·45	7·47	2·93
1863 .	1,252,500	30,314	10,873	27,751	2,563	24·20	17·36	22·16	2·04	2·79
1864 .	1,259,710	30,449	12,513	28,723	1,726	24·17	19·87	22·80	1·37	2·43
1865 .	1,267,031	30,249	13,051	26,152	4,097	23·87	20·60	20·64	3·23	2·32
1866 .	1,302,989	34,085	14,428	23,637	10,448	26·16	22·15	18·14	8·02	2.36
1867 .	1,339,968	35,062	14,451	22,772	12,290	26·17	21·57	16·99	9·18	2·41
1868 .	1,377,996	36,193	13,856	25,603	10,590	26·26	20·11	18·58	7·68	2·61
1869 .	1,417,103	36,141	14,826	26,054	10,087	25·50	20·92	18·38	7·12	2·44
1870 .	1,457,351	38,259	14,721	27,329	10,930	26·25	20·20	18·75	7·50	2·60
1871 .	1,494,338	39,791	15,746	27,943	11,848	26·63	21·07	18·70	7·93	2·53
1872 .	1,532,264	43,235	16,142	35,019	8,216	28·22	21·07	22·85	5·37	2·68
1873 .	1,571,152	44,481	16,437	33,912	10,569	28·31	20·92	21·58	6·73	2·71
1874 .	1,611,028	45,631	15,564	31,887	13,744	28·32	19·32	19·79	8·53	2·93
1875 .	1,651,912	43,996	13,663	34,978	9,018	26·63	16·54	21·17	5·46	3·22
1876 .	1,651,912	42,149	12,749	33,186	8,963	25·51	15·43	20·09	5·42	3·31
1877 .	1,657,265	41,850	12,758	31,342	10,508	25·25	15·40	18·91	6·34	3·28
1878 .	1,667,200	41,238	12,893	31,303	9,935	24·73	15·47	18·78	5·95	3·20

In Table X. the percentages for 1876 and 1877 remain as in last year's Report, calculated by the census of 1875, and not

Digitized by Google

allowing for any increase in population. It is thought that this method, for the period in question, involves as small an error as would be likely to occur in any new estimate for those years; and it corresponds very nearly with the population assumed for the preceding table. For 1878, in Table X., the same estimate of the population has been used as in the table on the preceding page.

In 1873, the year when the expansion following the war had reached its climax, and when the material prosperity of the people had attained its highest point, the number of marriages (16,437) was the greatest ever recorded in the State. In the succeeding year, naturally, the number of births (45,631) was the greatest; while still one year later the great comparative mortality of infants asserted itself by a larger number of total deaths than in any other year except 1872, when typhoid fever, measles, whooping-cough, and small-pox showed the greatest number of deaths in ten years; when scarlet fever was 30 per cent more fatal than for the average of those years; and when the proportion of deaths from "zymotic" diseases to the total from all causes rose from 23 to nearly 31 per cent.

The progressively decreasing rate of increase of the population since 1860, observable by the next table, is indicative probably, in part at least, of the fact that native Americans who remain in the State have smaller families now than those who formerly constituted its population; but the additional fact noticeable in the previous table, that the ratio of births to marriages has decidedly increased in the last six years, would tend to show that celibacy is becoming more common, the marriages having diminished more than the births; that is, of course, if the proportion of births and marriages not returned is the same from year to year.

Table showing Rates for Periods ending with Census Years.

	Marriages to 1,000 Persons.	Births to 1,000 Persons.	Deaths to 1,000 Persons.	Excess of Birth-Rate over Death-Rate.
5 years ending 1855 .	11·7	28·8	18·7	10·1
5 " " 1860 .	9·8	29·5	17·9	11·6
5 " " 1865 .	9·3	25·4	20·7	4·7*
5 " " 1870 .	10·5	26·1	18·2	7·9
5 " " 1875 .	9·9	27·6	20·8	6·8
3 " " 1878 .	7·7	25·2	19·3	5·9

* 8·3, excluding the three years most influenced by the war.

Digitized by Google

By the following table it will be possible to compare the rate of increase in Massachusetts with those of some foreign countries, as given in the last English Registration Report: —

Table showing Rates of Increase of Population.

	Birth-Rate to 1,000 Persons for 20 years. 1853-1872.	Death-Rate for 20 years.	Excess of Births over Deaths.
Massachusetts	27·3	19·1	8·2
England and Wales	34·8	22·4	12·4
Denmark	31·6	20·3	11·3
Sweden	32·0	20·4	11·6
Austria	40·2	31·9	8·1
Prussia	37·7	27 2	10·5
The Netherlands	34·3	25·7	8·6
France	26·1	24·4	1·7

In calculations of rates of increase of nations, it has sometimes been the custom to give the ratio of births to marriages for any single year or for periods of time. These ratios will be found in the first table, page 2, for Massachusetts. For the latest year, 1876, in which the returns are available for several foreign countries, the ratios are as follows: —

Massachusetts, 3·31; France, 3·42; Austria, 3·73; Denmark, 4·24; Belgium, 4·48; England, 4·63; Netherlands, 4·84; Prussia, 4·92; Italy, 5·15, where the high rate is partly, at least, accounted for from the fact that all the marriages are not registered.

In properly estimating the value of the deductions from the registration returns for this State, the facts should be borne in mind that the *record of marriages is not complete;* that the births are got by a house-to-house visitation once a year, and many are therefore *not reported;* that a burial permit from the registrar and a certificate of the cause of death, so far as it is known, from the attending physician or board of health are required before interment is allowed: so that the number of *deaths reported is probably nearly correct;* the causes of death, as returned, compare favorably in accuracy with similar statistics in most other countries, although falling far short of an attainable standard.

Digitized by Google

POPULATION.

The rapid rate of increase in the population of the State from 1870 to 1875 (2·538 per cent annually) was very largely due to immigration by land and by sea, which reached its highest point in 1873. So far as the statistics of population are concerned, the succeeding depression, which began in 1873, was greatest in 1876, when there was a considerable emigration from the State, quite exceeding the immigration. The census of 1875 showed 194,561 more people in the State than in 1870: the natural increase by excess of births over deaths was 55,307, leaving 139,254 to be accounted for by immigration. There came to Boston by sea 130,205, and large numbers must have arrived by land; for many of the immigrants by water simply passed through the State. This latter class, who came overland, represents, to a certain extent, a floating population, who go to and from our cities and towns for employment. The extreme industrial depression of 1876 drove many of them from the State: immigration reached a very low point, and the emigration exceeded it. The Board of State Charities assisted 150 families to their homes in that year; and the Cunard Steamship Company carried from Boston alone 1,505 more emigrants to England than they brought back, as was the case also to a less degree in 1877. It has seemed fair to suppose that the population did not increase any during 1875, and only a few thousands in 1877; while the excess of births over deaths (9,935), it is thought, would cover all the increase for 1878.

The fact that the present estimates of population are in the right direction is also borne out by a consideration of the vital statistics of the last four years, during which there has been a gradual annual decrease in the number of births from 43,996 to 41,238, and in deaths from 34,978 to 31,303; while the marriages for the four years have fallen, not so uniformly, however, from 13,663 to 12,893. These figures are not consistent with the supposition that the population of the State has increased very considerably during the period in question.

The proportionate number of deaths of females, as compared with males (see page 44), has shown a considerable increase

Digitized by Google

since 1873; and, in the absence of any other explanation of that fact, it would seem, so far as it goes, to bear out the idea that the proportion of women in the State had increased in that time by an emigration of men. The annual increase, too, in the proportion of marriages of native-born as compared with foreign-born persons (see page 34), from 53·25 per cent in 1873, to 61·38 per cent in 1878, in spite of a previous decrease from 61·34 in 1863, confirms the view of an exodus of foreigners.

By taking all the above-mentioned facts into consideration, and by making estimates from the relation of assessed polls to the population, it would seem fair to place the population for 1878 at 1,667,200. This, of course, is at best only an approximation to the real number; but it probably has the merit of being rather under than over the truth. In this connection, the following table will be instructive: —

Table showing Assessed Polls, Census, and Statistics of Immigration.

YEARS.	Population by Census.	Assessed Polls.	Immigrants arriving by Port of Boston.	Immigrants by the Cunard Company to New York and Boston.	Emigrants by the Cunard Co. from New York and Boston.
1870 . . .	1,457,351	357,339	30,069	–	–
1871 . . .	–	374,079	22,904	39,157	5,411
1872 . . .	–	396,784	25,967	46,452	7,601
1873 . . .	–	408,131	31,042	48,080	10,799
1874 . . .	–	414,800	20,223	26,522	15,171
1875 . . .	1,651,912	418,851	13,468	15,490	12,323
1876 . . .	–	413,770	8,118	9,176	11,484
1877 . . .	–	418,546	5,765	6,862	7,023
1878 . . .	–	423,094	6,471	8,328	4,734

The very striking diminution in the number of polls in 1876 is accounted for chiefly by change of residence, either within the State or by removal from it, the population not getting fairly settled again until 1878.

Digitized by Google

BIRTHS.

The following table shows the number of births annually during the last twenty years: —

Table showing Births for Twenty Years.

YEARS.	Born Alive.	Still-born.	Total.	YEARS.	Born Alive.	Still-born.	Total.
1859 .	35,422	733	36,155	1869 .	36,141	1,094	37,235
1860 .	36,051	1,062	37,113	1870 .	38,259	1,019	39,278
1861 .	35,445	1,017	36,462	1871 .	39,791	1,390	41,181
1862 .	32,275	907	33,182	1872 .	43,235	1,283	44,518
1863 .	30,314	903	31,217	1873 .	44,481	1,246	45,727
1864 .	30,449	856	31,305	1874 .	45,631	1,469	47,100
1865 .	30,249	859	31,108	1875 .	43,996	1,374	45,370
1866 .	34,085	1,046	35,131	1876 .	42,149	1,274	43,423
1867 .	35,062	1,007	36,069	1877 .	41,850	1,254	43,104
1868 .	36,193	1,050	37,243	1878 .	41,238	1,261	42,499

Including still-births, the rate for 1878 is 25·49, as compared with 24·73 per 1,000 for all born alive.

By the following table, it may be seen that, during the years 1863–65, which were most influenced by the war, the birth-rate was low (24·08). From 1872–74 the rate was higher (28·28), when the expansion and extravagance following the war had reached their greatest height, and the influx of foreign laborers showed its greatest influence. There has been a considerable decline in our birth-rate in the twenty-eight years.

Digitized by Google

Table showing Birth-Rates, 1851–1878.

Years.	Births to 1,000 of Population.		Years.	Births to 1,000 of Population.	
1851 . . .	28·62	28·88	1866 . . .	26·16	26·07
1852 . . .	29·00		1867 . . .	26·17	
1853 . . .	28·76		1868 . . .	26·26	
1854 . . .	29·00		1869 . . .	25·50	
1855 . . .	29·01		1870 . . .	26·25	
1856 . . .	29·91	29·52	1871 . . .	26·63	27·62
1857 . . .	30·17		1872 . . .	28·22	
1858 . . .	28·97		1873 . . .	28·31	
1859 . . .	29·26		1874 . . .	28·32	
1860 . . .	29·28		1875 . . .	26·63	
1861 . . .	28·63	25·36	1876 . . .	25·51	25·16
1862 . . .	25·92		1877 . . .	25·25	
1863 . . .	24·20		1878 . . .	24·73	
1864 . . .	24·17				
1865 . . .	23·87		Average .	27·24	

The birth-rate for 1878 is 0·5 per 1,000 less than in 1877, is less than that of any of the other years except during the war, and is 2·5 per 1,000 less than the average for 28 years.

Undoubtedly a certain number of deaths escape registration; but greater efforts were made last year than usual to have the number complete. It is possible that an error in computing the population, too, may somewhat affect the results for the last three years. The statistics are certainly not less accurate from year to year; probably they are somewhat more so, and the conclusion seems inevitable that the population of the State increases somewhat less rapidly now than formerly. According to Dr. Farr's statistics, the opposite fact is true of England, Prussia, and the Netherlands; while in Denmark, Austria, Sweden, Italy, and France, a small decrease, or at least only a slight change in their rates of increase, is observed.

The following table gives the births in the several counties from 1865 to 1878 inclusive, and also the birth-rates for the three census years, by which it is possible to compare the several counties with themselves, with each other, and with the State at large:—

Digitized by Google

*Births, 1865–78, and Birth-Rates in Census Years, by Counties.**

	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865 . .	34,610	56,944	89,395	8,948	171,034	31,340	64,570	39,269	220,384	116,306	63,107	208,212	162,912	1,267,031
" 1870 . .	32,744	64,827	102,886	7,910	200,843	32,635	78,409	44,388	274,353	89,443	65,365	270.802	192,716	1,457,351
" 1875 . .	32,144	68,270	131,087	7,272	223,342	33,696	94,304	44,821	284,112	88,321	69,362	364,886	210,295	1,651,912
Living Births, 1865 . .	771	1,341	1,978	135	3,740	582	1,561	828	5,380	2,880	1,321	5,735	3,997	30,249
Birth-rates, 1865 . .	**22·3**	**23·6**	**22·1**	**15·1**	**21·8**	**18·2**	**24·2**	**21·1**	**24·4**	**24·8**	**20·9**	**27·5**	**24·5**	**23·9**
Living Births, 1866 . .	796	1,587	2,291	144	4,638	612	1,792	973	5,973	3,114	1,624	6,027	4,514	34,085
" 1867 . .	747	1,550	2,473	127	4,689	580	1,822	1,021	6,234	3,265	1,524	6,347	4,683	35,062
" 1868 . .	745	1,719	2,432	102	4,681	631	2,060	1,008	6,659	2,295	1,547	7,548	4,766	36,193
" 1869 . .	685	1,413	2,482	93	4,629	648	1,954	959	6,736	2,414	1,418	7,880	4,830	36,141
" 1870 . .	669	1,616	2,682	99	4,772	644	1,969	1,019	7,444	2,256	1,463	8,614	5,012	38,259
Birth-rates, 1870 . .	**20·4**	**24·9**	**26·1**	**12 5**	**23 7**	**19·7**	**25 1**	**22·9**	**27·1**	**25·2**	**22·4**	**31·8**	**26·0**	**26·2**
Living Births, 1871 . .	709	1,784	2,766	108	5,114	658	2,235	993	7,289	2,316	1,464	9,006	5,349	39,791
" 1872 . .	669	1,637	3,156	120	6,158	674	2,321	1,095	8,261	2,416	1,452	9,761	5,515	43,235
" 1873 . .	615	1,653	3,328	111	5,686	733	2,527	1,111	8,605	2,517	1,549	10,254	5,792	44,481
" 1874 . .	705	1,688	3,252	112	5,820	735	2,618	1,048	7,994	2,173	1,521	12,271	5,694	45,631
" 1875 . .	659	1,678	3,440	122	5,722	673	2,635	1,035	7,247	2,276	1,469	11,582	5,458	43,996
Birth-rates, 1875 . .	**20·5**	**24·6**	**26·2**	**16·8**	**25·6**	**20·0**	**27·9**	**23·1**	**25·5**	**25·8**	**21·2**	**31 7**	**26·4**	**26·6**
Living Births, 1876 . .	608	1,537	3,220	118	5,216	635	2,443	978	7,140	2,024	1,455	11,324	5,451	42,149
" 1877 . .	607	1,537	3,177	138	5,370	660	2,359	944	7,379	2,052	1,459	11,070	5,098	41,850
" 1878 . .	578	1,508	3,171	123	5,369	617	2,273	894	7,264	2,039	1,338	10,715	5,349	41,238
Ratio of population (in 1875) to No. of families,	3·86	4·82	4·59	3·51	4·45	4·28	4·72	4·67	4·68	4·53	4·24	4·84	4·55	4·60

* In 1868 Roxbury was annexed to Suffolk County from Norfolk County; in 1870, Dorchester; in 1874, West Roxbury, and also Brighton and Charlestown from Middlesex County.

Digitized by Google

It may be seen that the low rates produced by the war (1865) prevailed in all the counties except on the extreme Cape (Barnstable, Dukes, and Nantucket), as compared with those of 1870 and 1875; only the same counties, also, steadily decreased in population during those ten years. The most agricultural counties, Dukes, Nantucket, Barnstable, and Franklin, present the lowest rates. The next group in order, Plymouth and Hampshire, have less than one-half of their population in manufacturing towns; the other counties in order of their birth-rates for the three census years, — Essex, Berkshire, Bristol, Norfolk, Middlesex, Worcester, Hampden, — in a general way, have greater birth-rates, as the laboring classes, largely foreigners, predominate, until we come to the highest rate in Suffolk, which is made up almost wholly of the large city of Boston with Chelsea. From 1874, the year of the greatest number of births, there is a progressive decrease each year in the whole number of births in Barnstable, Berkshire, Hampshire, and Suffolk Counties; a steady decrease, except for one year, in Bristol, Essex, Franklin, Hampden, Norfolk,* Plymouth, and Worcester Counties. Middlesex shows a considerable decrease, with some variation, from 1874 to 1878; the very small counties of Dukes and Nantucket alone show an increase (112 to 123).

It should be remembered that the decrease in birth-*rates* would show a still greater difference, if the total population of the State has increased, as we suppose that it has, about 55,000, in the years compared. A more extended analysis of these figures would prove very interesting, but must be reserved for more abundant time some future year.

Birth-Rates in Large Towns. — The nineteen cities of the State, and two of the largest towns (Pittsfield and Milford), have weekly reported their mortality to the State Board of Health, so that especial pains have been taken to calculate their population as carefully as possible. It now appears that the total of these estimates is probably about one per cent too large; but the difficulties of correctly estimating the errors for each city, considering the many changes in the population in the last few years, are so great, that it has been thought best to leave in the table only the total births for 1876–1878, giving percentages for the census year alone. The birth-rates for 1875, and the total births from 1875 to 1878, for the largest sixteen cities,

* Allowing for annexations to Suffolk County.

Digitized by Google

including all with a population over 15,000, and embracing nearly half the people in the State, are given as follows: —

City Births and Birth-Rates, 1875–78.

CITIES.	Population by Census of 1875.	Birth-Rate in 1875.	Persons Living to One Birth.	BIRTHS.			
				1875.	1876.	1877.	1878.
Boston	341,919	32·12	31	10,984	10,751	10,494	10,160
Lowell	49,688	25·98	38	1,291	1,259	1,333	1,315
Worcester	49,317	30·13	33	1,486	1,554	1,414	1,455
Cambridge	47,838	26·17	38	1,252	1,206	1,423	1,362
Fall River	45,340	32·55	31	1,476	1,374	1,356	1,319
Lawrence	34,916	28·84	35	1,007	717	1,003	952
Lynn	32,600	24·57	41	801	764	731	620
Springfield	31,053	29·24	34	908	750	749	712
Salem	25,958	24·37	40	641	655	601	670
New Bedford . . .	25,895	21·86	46	566	543	505	545
Somerville	21,868	33·52	30	733	636	638	547
Chelsea	20,737	26·62	37	552	525	532	489
Taunton	20,445	24·21	41	495	462	417	395
Gloucester	16,754	35·75	28	599	531	555	587
Holyoke	16,260	35·65	28	580	572	539	552
Newton	16,105	18·25	55	294	400	399	375
The sixteen cities . .	796,693	29·70	34	23,665	22,699	22,689	22,055
The rest of the State,	855,219	23·77	42	20,331	19,450	19,161	19,183
The whole State . . .	1,651,912	26·63	37	43,996	42,149	41,850	41,238

For 1878 the lowest birth-rate is in Lynn, where there is a very large shoe industry. The employés are largely women, and the men are of a better class than the laborers in the mills. Still the rate is so low that its explanation is probably in a very defective registration of births, caused in part possibly by frequent changes of residence. In Taunton, New Bedford, Newton, Springfield, Somerville, and Chelsea, there is not so large a proportion of foreigners as in the large mill-towns: still the birth-rates are probably smaller than they would be if the registration were complete. In Lowell and Lawrence — two of the large manufacturing cities — the error in the returns must be

Digitized by Google

considerable; for there is no reason why the birth-rates should be less than in Salem, Worcester, and Cambridge. Fall River has a very large proportion of operatives, and would naturally have a higher birth-rate; and our largest city, Boston, would be likely to exceed that, as it appears to. The cities of Holyoke and Gloucester usually show high birth-rates.

That the great variation in the birth-rates is very largely due to registration of varying degrees of defectiveness, there can be no doubt. The causes of this error lie in the fact that the births are usually taken by a census once a year, and of course liable to great omissions, in proportion to the number of people of limited intelligence and to the frequency with which they change their abodes. The study of the defects in various parts of the State and their remedy furnish a field for future effort.

Cambridge is the only city showing a considerably increased number of births since 1875; in Salem the difference is slight; in Newton the registration was probably very incomplete in 1875 (as in Lawrence in 1876); and in the other cities there was a decided falling off in spite of a probable moderate increase in the population.

Births and Birth-Rates, by Months and Quarters — 1878.

	Births registered in each Month.	Births registered in each Quarter.	Monthly Percentage of Births.	Quarterly Percentage of Births.	Birth-Rate per 1,000 living in each Month.	Birth-Rate per 1,000 living in each Quarter.
January . .	3,181		7·7		1·91	
February . .	3,116	9,739	7·6	23·6	1·87	5·84
March . . .	3,442		8·4		2·07	
April . . .	3,172		7·7		1·90	
May . . .	3,248	9,541	7·9	23·2	1·95	5·72
June . . .	3,121		7·6		1·87	
July . . .	3,525		8·5		2·11	
August . . .	3,765	10,929	9·1	26·5	2·26	6·56
September . .	3,639		8·8		2·18	
October . .	3,776		9·1		2·27	
November . .	3,555	11,021	8·6	26·7	2·13	6·61
December . .	3,690		9·0		2·21	
Not stated . .	8	–	–	–	–	–
The year . .	41,238	–	100	100	24·73	24·73

Digitized by Google

Seasons. — In the foregoing table the living births and rates are given by months and quarters.

Observing the common rule in this State, excepting the years 1875–77, when the birth-rate was highest in the third quarter, the rate was greatest in 1878 for the last quarter.

In the next table the comparison is carried through a series of fifteen years.

BIRTHS.* — By Months, Quarters, and Periods of Six Months.
Fifteen Years.

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1864 .	2,249	2,155	2,499	2,351	2,379	2,419	2,592	2,796	2,653	2,776	2,708	2,841
1865 .	2,350	2,211	2,554	2,344	2,278	2,378	2,516	2,826	2,726	2,691	2,626	2,704
1866 .	2,313	2,228	2,659	2,695	2,683	2,628	3,057	3,052	3,136	3,248	3,139	3,223
1867 .	2,590	2,432	2,848	2,504	2,804	2,759	3,023	3,187	3,029	3,330	3,208	3,280
1868 .	2,769	2,640	2,966	2,709	2,821	2,813	3,253	3,302	3,197	3,319	3,245	3,138
1869 .	2,632	2,455	2,864	2,628	2,793	2,858	3,241	3,403	3,315	3,373	3,162	3,399
1870 .	2,916	2,650	3,102	3,015	3,094	3,083	3,248	3,494	3,310	3,470	3,323	3,542
1871 .	3,131	2,883	3,206	2,997	3,063	3,103	3,426	3,710	3,435	3,721	3,407	3,702
1872 .	3,104	3,216	3,503	3,248	3,385	3,536	3,857	4,103	3,862	3,860	3,711	3,844
1873 .	3,348	3,230	3,616	3,177	3,384	3,571	3,777	4,087	3,974	4,053	4,000	4,261
1874 .	3,598	3,252	3,750	3,443	3,686	3,689	4,018	4,266	4,010	4,032	3,871	3,994
1875 .	3,305	3,204	3,570	3,391	3,564	3,603	3,820	4,071	3,937	3,838	3,742	3,933
1876 .	3,173	3,237	3,605	3,342	3,299	3,343	3,651	3,950	3,564	3,755	3,515	3,695
1877 .	3,404	3,127	3,436	3,078	3,146	3,314	3,735	3,854	3,677	3,796	3,607	3,673
1878 .	3,181	3,116	3,442	3,172	3,248	3,121	3,525	3,765	3,639	3,776	3,555	3,690
Av. .	2,938	2,802	3,175	2,940	3,042	3,081	3,383	3,591	3,431	3,536	3,388	3,528
	8,915			9,130			10,405			10,452		
	18,045						20,857					

During the fifteen years, 53·6 per cent of the births occurred during the latter half of the year, 46·4 per cent in the former half; 22·92 per cent in the first quarter, 23·47 in the second, 26·74 in the third, and 26·87 in the last. The largest monthly number of births occurred seven times in August, five times in October, and three times in December. The lowest number of births was found in February for eleven years; in January and April each for two years. The relative preponderance of births in the several months differs somewhat in different countries, and is evidently largely due to social customs.

* Excluding 306 in which the months were not returned.

Digitized by Google

Sex. — In 1878, as in 1877, and for the aggregate of the previous twenty-five years, the general law of an excess of male over female births found expression in very nearly the same proportions. The ratio of male to female still-born was not quite so high as usual; the disparity illustrates the greater mortality of male infants at childbirth, due to their greater size. Of illegitimate infants, females usually preponderate; the difference was slight in 1878, as it was also in the previous year.

BIRTHS. — Proportion of Males to Females. — *Twenty-seven Years.*

		1878.	1877.	Previous Twenty-five Years.
Born alive	Males	21,199	21,466	461,210
	Females	20,022	20,375	435,630
	Not stated	17	9	2,200
Males to 100 females		105·9	105·3	105 9
Still-born	Males	672	710	13,428
	Females	489	474	9,009
	Not stated	100	70	2,755
Males to 100 females		137·4	149·8	149·0
Illegitimate	Males	320	347	3,556
	Females	318	350	3,675
	Not stated	2	–	40
Males to 100 females		100·6	99·1	96·8

The operation of the law of preponderance of male over female births is illustrated in the following table of births by counties. The errors for a single year, and the percentage of possible error which must be allowed for, on account of the return of a certain number of births, *sex unknown*, may be seen at a glance. While 0·10 per cent of births were returned for the fifteen years as of unknown sex, a decided improvement in registration is shown by the fact that in 1878 only 0·04 per cent were so reported; in that year 0·48 per cent in Franklin County, 0·3 per cent in Plymouth County, and 0·13 per cent in Berkshire County were so reported. The rates in the other counties were too small to affect the results by even one-twen-

Digitized by Google

tieth of one per cent. While the counties vary from year to year within moderate limits, it may be seen that for a long period of years the State at large continues to have about the same preponderance of male over female births. The rates for 1878 for the State were almost precisely as for the average of fifteen years.

BIRTHS. — Proportion of Males and Females, 1878 *and the Previous Fifteen Years.*

COUNTIES.	1878.			1863-1877 — FIFTEEN YEARS.				
	Males, per cent.	Females, per cent.	Males to 100 Females.	Total Births.	Males, per cent.	Females, per cent.	Unknown, per cent.	Males to 100 Females.
Barnstable . .	50·9	49·1	103·5	10,348	51·95	47·76	0·29	108·78
Berkshire . .	48·2	51·7	93·3	23,261	51·97	47·89	0·14	108·51
Bristol . . .	50·3	49·7	101·3	40,741	51·85	47·97	0·18	107·94
Dukes and Nantucket . . .	53·7	46·3	115·8	1,803	52·80	46·76	0·44	112·93
Essex . . .	51·4	48·6	105·7	74,244	51·63	48·27	0·10	106·97
Franklin . .	50·1	49·4	101·3	9,758	51·52	48·35	0·13	106·55
Hampden . .	50·5	49·5	101·9	31,436	51·02	48·86	0·12	104·43
Hampshire . .	51 6	48·4	106·5	14,662	52·05	47·84	0·11	108·81
Middlesex . .	52·3	47·7	109·7	103,256	51·25	48·65	0·10	105·34
Norfolk . . .	51·1	48·9	104·4	37,672	51·13	48·70	0·17	104·96
Plymouth . .	54·6	45·1	120·8	22,073	51·84	48·00	0·16	108·00
Suffolk . . .	51·1	48·9	104·6	128,421	51·00	48·99	0·007	104·08
Worcester . .	52·2	47·8	109·5	74,210	51·48	48·40	0·12	106·36
The State . .	51·4	48 6	105·9	571,885	51·40	48·50	0·10	105·93

Parent-Nativity. — Just after the great immigration from Europe, which began in 1850, the distinction between the children born of Americans and of foreigners was marked and interesting. Last year the word "American" was dropped, and "native" was adopted in its place by Dr. Draper, on the ground that there are now many natives in the State whose parents were immigrants, and who may as properly be called Americans as those of the Puritan stock. The distinction is less valuable each successive year, and the races have even now become so intermingled that trustworthy conclusions regarding race-fertility could hardly be adopted from any study of the facts which the table furnishes us. It is given in the same form as last year.

Digitized by Google

EXHIBIT OF THE PARENTAGE *of the Children Born Alive in the Several Counties of Massachusetts during the year 1878.*

PARENTAGE.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aggregates	41,238	578	1,508	3,171	123	5,369	617	2,273	894	7,264	2,039	1,338	10,715	5,349
Both parents native-born	16,970	454	784	1,287	108	2,560	393	848	428	2,902	1,004	954	3,135	2,113
Both parents foreign-born	17,105	77	462	1,473	6	1,991	148	1,032	347	3,115	681	254	5,075	2,444
Native-born father and foreign-born mother	2,637	24	88	185	3	374	20	167	43	491	116	47	813	266
Foreign-born father and native-born mother	3,680	19	156	200	5	401	46	200	65	684	220	67	1,132	485
Not stated	846	4	18	26	1	43	10	26	11	72	18	16	560	41

PLURALITY CASES — (Included above).

Totals	Aggregates	815	10	37	44	4	124	20	45	12	155	42	38	186	98
	Males	424	4	12	30	1	64	11	16	4	84		90 1	104	55
	Females	391	6	25	14	3	60	9	29	8	71	23	18	82	43
Both parents native-born	Males	176	4	4	15	1	28	8	4	1	32	11	11	25	32
	Females	167	6	17	9	1	24	8	4	5	27	9	11	25	21
Both parents foreign-born	Males	182	–	5	11	–	23	1	10	3	38	5	6	59	21
	Females	176	–	5	3	2	31	1	23	3	34	9	4	41	20

Digitized by Google

Native-born father	Males	35	–	1	1	–	10	2	2	–	9	1	1	8	–
	Females	23	–	1	1	–	2	–	2	–	7	3	1	6	–
Foreign-born father	Males	31	–	2	3	–	3	–	–	–	5	2	2	12	2
	Females	23	–	–	1	–	3	–	–	–	3	2	2	10	2
Not stated	Males	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Females	2	–	2	–	–	–	–	–	–	–	–	–	–	–

ILLEGITIMATE BIRTHS — (Included above).

Totals	Aggregates	640	6	14	22	8	59	7	19	7	99	18	16	333	32
	Males	320	3	6	8	7	28	5	10	3	44	9	14	164	19
	Females	318	3	8	14	1	31	2	9	4	54	9	2	169	12
	Unknown	2	–	–	–	–	–	–	–	–	1	–	–	–	1
Native-born mother	Males	181	3	6	7	7	19	5	7	3	27	9	12	63	13
	Females	172	3	7	11	–	24	2	7	1	29	9	1	68	10
	Unknown	2	–	–	–	–	–	–	–	–	1	–	–	–	1
Foreign-born mother	Males	98	–	–	1	–	9	–	3	–	17	–	2	60	6
	Females	108	–	1	3	1	7	–	2	3	25	–	1	64	1
Not stated	Males	41	–	–	–	–	–	–	–	–	–	–	–	41	–
	Females	38	–	–	–	–	–	–	–	–	–	–	–	37	1

Digitized by Google

If we calculate the percentages of the numbers in the foregoing table for the State at large, and carry the comparison through a series of years, we find that under the head "native-born" there is, since 1874, an apparent gain. The births of foreign parentage are less in proportion to the whole number than in any other year since 1860, and the births of mixed parentage, which, in many cases, are really births of foreign parentage, are steadily increasing in their percentage.

Percentage of American and Foreign LIVING BIRTHS *in 1878, and in each of the Previous Ten Years, in Massachusetts.*

YEARS.	Native-Born Parents.	Foreign-Born Parents.	One Parent Foreign-Born.
1868	43·05	47·60	93·5
1869	42·07	48·01	9·92
1870	41·01	48·33	10·66
1871	40·17	48·61	11·22
1872	39·45	49·21	11·34
1873	39·98	48·24	11·78
1874	38·89	48·43	12·68
1875	39·87	46·71	13·42
1876	40·64	45·00	14·36
1877	41·17	44·03	14·80
1878	42·01	42·35	15·64

The next table makes the changes just spoken of still more apparent, inasmuch as a long series of years is included in the comparison: —

Percentage of American and Foreign LIVING BIRTHS *in the Past Thirty Years.*

	Average. 1849-53.	Average. 1854-58.	Average. 1859-63.	Average. 1864-68.	Average. 1869-73.	1874.	1875.	1876.	1877.	1878.
American . .	63·02	50·38	46·06	43·85	40·54	38·89	39·87	40·64	41·17	42·01
Foreign . .	35·96	44·12	46·89	47·73	48·48	48·43	46·71	45·00	44·03	42·35
One parent foreign . .	1·02	5·50	7·05	8·42	10·98	12·68	13·42	14·36	14·80	15·64

Digitized by Google

As may be readily seen, the percentages in the preceding two tables were calculated by leaving out of consideration the children whose parentage was not stated in the returns. How great the liability to error is on that score, may be observed from the following table, a striking deduction from which is that the registration officers have been very much less successful in getting accurate statistics in that respect during the last ten years, more than three times as many births being reported with the parentage not stated in 1878 as in 1869.

By going back twenty years, however, we find a very great gain in absolute numbers of returns incomplete with respect to the statement of the parentage; and an excessively improved rate. In 1859 there were 1,465 marriage-certificates imperfect in that respect, as compared with 846 in 1878.

It may also be properly said here, that the marriages were first reported with a tolerable degree of completeness in 1850, and that the low marriage-rate of 1849 is due to the fact that the returns were not nearly all made to the registration officers.

Digitized by Google

NUMBER OF BIRTHS during each of the TWENTY YEARS, 1859–78, exhibiting the SEX and PARENTAGE.

	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.
Totals	35,422	36,051	35,445	32,275	30,314	30,449	30,249	34,085	35,062	36,193
Males	18,108	18,504	18,286	16,594	15,692	15,634	15,623	17,394	17,859	18,571
Females	17,152	17,450	17,078	15,604	14,579	14,745	14,554	16,603	17,140	17,574
Unknown	162	97	81	77	43	70	72	88	63	48
PARENTAGE.										
Native	15,973	16,672	16,097	14,423	13,066	13,453	13,276	15,014	14,696	15,370
Foreign	15,678	16,138	16,125	14,941	14,540	14,266	14,130	15,989	16,911	16,995
Native father and foreign mother	1,160	1,237	1,224	1,142	1,059	1,030	1,115	1,316	1,428	1,535
Foreign father and native mother	1,146	1,174	1,258	1,154	1,085	1,209	1,291	1,482	1,659	1,800
Not stated	1,465	830	741	615	564	491	437	284	368	493

NUMBER OF BIRTHS, &c.—Concluded.

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Totals	36,141	38,259	39,791	43,235	44,481	45,631	43,996	42,149	41,850	41,238
Males	18,606	19,803	20,289	22,140	22,974	23,657	22,457	21,705	21,466	21,199
Females	17,500	18,434	19,488	21,066	21,485	21,958	21,513	20,410	20,375	20,022
Unknown	35	22	14	29	22	16	26	34	9	17
PARENTAGE.										
Native	15,100	15,563	15,797	16,922	17,647	17,508	17,314	16,790	16,897	16,970
Foreign	17,229	18,339	19,120	21,112	21,293	21,807	20,289	18,590	18,071	17,105
Native father and foreign mother	1,613	1,787	1,898	2,099	2,139	2,354	2,418	2,448	2,502	2,637
Foreign father and native mother	1,945	2,256	2,516	2,765	3,062	3,354	3,411	3,485	3,572	3,680
Not stated	254	314	460	337	340	608	564	836	808	846

Digitized by Google

Plural Births. — Four hundred and four women gave birth during the year to 815 living children; the same as in 1877. There were 397 twin births, and seven cases of triplets (one male and two females three times; two males and one female twice; three males once; three females once). The following table shows the statistics of plural births during the past fifteen years, classified with reference to the nativity of the parents: —

PARENTAGE of Plural Births. — *Fifteen Years.*

	Totals.	Native-Born.		Foreign-Born.		Mixed.		Parentage not stated.	
		Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.
1864 . .	597	239	40·0	324	54·3	34	5·7	–	–
1865 . .	591	251	42·4	286	48·4	50	8·5	4	0·7
1866 . .	708	295	41·7	347	49·0	64	9·0	2	0·3
1867 . .	681	292	42·9	339	49·8	48	7·0	2	0·3
1868 . .	722	305	42·3	343	47·5	66	9·1	8	1·0
1869 . .	696	288	41·4	320	46·0	86	12·3	2	0·3
1870 . .	697	302	43·3	333	47·8	62	8·9	–	–
1871 . .	739	222	30·0	407	55·1	104	14·1	6	0·8
1872 . .	759	276	36·4	416	54·8	67	8·8	–	–
1873 . .	832	326	39·2	417	50·1	89	10·7	–	–
1874 . .	812	267	32·9	437	53·8	102	12·6	6	0·7
1875 . .	769	277	36·0	418	54·4	72	9·4	2	0·2
1876 . .	702	252	35·9	342	48·7	106	15·1	2	0·3
1877 . .	815	304	37·3	416	51·0	95	11·7	–	–
1878 . .	815	343	42·1	358	43·9	112	13·7	2	0·3

The proportion of plural births is shown for a series of years, by the following table, not to vary a great deal. About one, including triplets, may be expected to occur in each one hundred single living births.

Digitized by Google

PLURAL BIRTHS in Massachusetts. — *Fifteen Years.*

YEARS.	Cases of Twins.	Cases of Triplets.	No. of Living Births to One Case of Twins.	No. of Living Births to One Case of Triplets.
1864	294	3	104	10,149
1865	288	5	96	6,050
1866	351	2	105	16,865
1867	333	5	103	7,012
1868	352	6	103	6,032
1869	339	6	107	6,023
1870	344	3	111	12,753
1871	362	5	109	7,958
1872	375	3	115	14,412
1873	407	6	109	7,603
1874	400	4	114	11,408
1875	380	3	116	14,665
1876	345	4	122	10,537
1877	398	5	105	8,370
1878	397	7	104	5,891

Illegitimate Births. — Six hundred and forty births were recorded as illegitimate in the State, during the year 1878, with an increasing population. A decided improvement is shown over 1877, when also there were fewer illegitimate births recorded than in 1876, — a fact which may possibly be partly accounted for by the emigration of foreigners from Massachusetts in that year. It may be seen, however, that during all the years of the recent industrial depression (the last six) the rate has been unusually high, while the annual number of marriages has declined in the same period very nearly one-fourth.

ILLEGITIMATE BIRTHS registered in Massachusetts. — *Twenty Years.*

YEARS.	CHILDREN BORN OUT OF WEDLOCK.		YEARS.	CHILDREN BORN OUT OF WEDLOCK.	
	Numbers.	To every 1,000 Births.		Numbers.	To every 1,000 Births.
1859 . .	237	6·7	1869 . .	286	7·9
1860 . .	294	8·1	1870 . .	285	7·4
1861 . .	290	8·2	1871 . .	432	10·9
1862 . .	247	7·6	1872 . .	303	7·0
1863 . .	277	9·1	1873 . .	587	13·2
1864 . .	285	9·3	1874 . .	648	14·2
1865 . .	271	8·9	1875 . .	632	14 4
1866 . .	281	8·2	1876 . .	713	16·9
1867 . .	292	8·3	1877 . .	697	16·6
1868 . .	366	10 1	1878 . .	640	15 5

Digitized by Google

The next table illustrates the nativity of mothers of illegitimate children born from 1864 to 1878, subject to the limitations that the proportions of native and foreign unmarried women are not given, and that the word "native" or "American" very often indicates an origin outside of Massachusetts or of foreign stock in the previous generation.

ILLEGITIMATE BIRTHS. — Nativity of Mothers. — *Fifteen Years.*

YEARS.	Total.	NATIVE.		FOREIGN.		NOT STATED.	
		Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.
1864 . . .	285	160	56·2	109	38·2	16	5·6
1865 . . .	271	145	53·5	116	42·8	10	3·7
1866 . . .	281	152	54·1	123	43·7	6	2·2
1867 . . .	292	167	57·2	119	40·7	6	2·1
1868 . . .	366	191	52·2	148	40·4	27	7·4
1869 . . .	286	153	53·4	116	40·6	17	6·0
1870 . . .	285	154	54·0	111	39·0	20	7·0
1871 . . .	432	228	52·8	164	38·0	40	9 2
1872 . . .	303	165	54·5	121	39·9	17	5·6
1873 . . .	587	306	52·1	269	45·8	12	2·1
1874 . . .	648	326	50·3	303	46.8	19	2·9
1875 . . .	632	250	39·6	354	56·0	28	4·4
1876 . . .	713	377	52·9	270	37·9	66	9 2
1877 . . .	697	378	54·2	292	41·9	27	3·9
1878 . . .	640	353	55·2	206	32·2	81	12·6

During the last six years, the proportion of illegitimate children born in the State has been much higher than ever before. In England, on the contrary, the foreign country most similar to ours in laws and social customs, there has been a progressive improvement in that respect, the rate per 1,000 of births having steadily diminished from 59 in 1867, to 47 in 1877, still remaining, however, three times as great as the average of our worst six years, 1873–78, which was 15 per 1,000. For 1878 the facts for Massachusetts are as follows: —

Of the 640 illegitimate infants, 320 were males, 318 were females, and in the case of two the sex was not ascertained;

Digitized by Google

females usually predominate. There were born in State institutions (Almshouse and Prison for Women) 10·2 per cent, and 51·6 were reported in Boston, where, also, 81 foundlings were cared for, of unknown parentage. In that city 3·24 per cent of the births recorded were illegitimate, although many mothers of them probably went from smaller towns, for the concealment possible in a great crowd. Excluding Boston and the State institutions, the ratio of illegitimate to legitimate births in the rest of the State for 1878 was 0·77.

Still-born. — There were registered 1,261 still-births during the year, as compared with 1,254 in 1877, — 672 males, 489 females, and 100 whose sex was not recorded. Probably these numbers fall short of the actual truth. The percentage of ascertained still-births to living births for the year was 3·06; in 1877 it was 2·99.

The numbers of "still-births" for each of the last twenty years are given in the table on page 7. It is difficult to estimate the full importance of these figures. The proportion to the population is ten per cent larger in the latter than in the former half of that period. They represent diseased conditions in one parent or both, unavoidable accidents, necessary hardship or exposure, simple want of physical strength, luxurious habits, and finally criminal acts.

Digitized by Google

MARRIAGES.

In 1878, the marriages recorded were 12,893, as compared with 12,758 in 1877, and 12,749 in 1876, and at a lower rate for those three years than at any other time since 1849. This fact is probably due in part to a great decrease in the number of young marriageable immigrants, to the depression in commerce and industry, preventing marriage, and to the emigration to western states of young men. The registration is certainly not less accurate now than formerly.

The marriage-rate in 1878 was 15·47; or, in other words, there were 7·73 marriages to each 1,000 living, assuming that there has been no great error in the estimation of the population. Although a trifling improvement on the rates of 1877 and 1876, this is 4·05 per 1,000 below the average for twenty-five years; and 1·89 per 1,000 lower than the lowest annual marriage-rate during the recent civil war. How far this is to be explained by the marked decline in increase of population by immigration, which began in 1875, and how far to emigration, lessened prosperity, and to other causes, can better be studied a year later, when we shall have the benefit of an accurate census. The marriage-rates for each of the last twenty-five years, and their average, are given in the following table: —

MARRIAGE-RATE in Massachusetts. — *Twenty-Five Years.*

YEARS.	Marriages.	Persons married to 1000 living.	Number living to one marriage.	YEARS.	Marriages.	Persons married to 1000 living.	Number living to one marriage.
1854 .	13,683	24 80	81	1867 .	14,451	21·57	93
1855 .	12,329	21·77	92	1868 .	13,856	20 11	99
1856 .	12,265	21·30	94	1869 .	14,826	20·92	96
1857 .	11,739	20·05	100	1870 .	14,721	20·20	99
1858 .	10,527	17·68	113	1871 .	15·746	21·07	95
1859 .	11,475	18·96	106	1872 .	16,142	21·07	95
1860 .	12,404	20·15	99	1873 .	16,437	20·92	96
1861 .	10,972	17·72	113	1874 .	15,564	19·32	103
1862 .	11,014	17·69	113	1875 .	13,663	16·54	121
1863 .	10,873	17·36	115	1876 .	12,749	15·43	129
1864 .	12,513	19·87	101	1877 .	12,758	15·40	130
1865 .	13,051	20·60	97	1878 .	12,893	15·47	129
1866 .	14,428	22·15	90	Av'ge	. .	19·52	

Digitized by Google

By the following table, it may be seen that our present marriage-rate is very nearly that of the older countries of Europe, the great material prosperity of former days, and the ease with which a competence has been secured, not being so much greater than in other countries, as it was before the last financial crisis.

MARRIAGE-RATES in several Countries. — *Twenty-five Years.*

COUNTRIES.	AVERAGE ANNUAL NUMBER MARRIED PER 1,000 POPULATION IN THE YEARS 1853-76.					
	In 20 years, 1853-72.	1873.	1874.	1875.	1876.	1877.
Massachusetts . . .	20·4	20·9	19·3	16·5	15·4	15·4
England and Wales . .	16·9	17·6	17·1	16·8	16 7	15·8
Denmark	15·9	16·2	16·4	16·9	17·0	16·1
Sweden	14·1	14·6	14·5	14·0	14·1	13·7
Austria	17·3	18·5	17·9	16·9	16·3	14 8
Prussia	17·1	20·3	19·4	18·0	17·1	16·0
The Netherlands . . .	15·9	17·0	16 6	16·6	16·4	16·0
France	15 9	17·8	16·7	16·7	15·8	15·1

County Marriage-rates. — In the following table, the rates of marriages are given for the several counties, for the two quinquenniads ending in the last two census years, and also the number of marriages in each for the last three years: —

MARRIAGES in Massachusetts, 1866–78. — *Marriage-rates and Marriages by Counties.*

COUNTIES.	MARRIAGES TO 1,000 OF POPULATION.		MARRIAGES.			NUMBERS LIVING TO ONE MARRIAGE.	
	1866-70.	1871-75.	1876.	1877.	1878.	1866-70.	1871-75.
Barnstable .	9·41	9·37	265	254	247	107	107
Berkshire .	9·56	7·56	399	440	466	103	133
Bristol .	10·48	11·08	1,076	1,083	1,008	96	93
Dukes . .	7·69	9.06	31	35	29	136	111
Essex . .	11·55	10·21	1,795	1,888	1,814	87	99
Franklin .	9·10	8·49	246	201	246	112	118
Hampden .	12·26	10·87	809	782	751	82	93
Hampshire .	11 01	8·11	330	300	337	91	124
Middlesex .	10·87	10·12	2,172	2,245	2,147	92	101
Nantucket .	8·63	9·19	24	32	18	121	112
Norfolk .	7·73	7·68	607	566	618	130	131
Plymouth .	8·92	8·72	518	497	510	113	116
Suffolk .	14·45	12·69	3,023	2,945	3,065	69	81
Worcester .	10 74	9·08	1,454	1,490	1,637	93	111
Whole State,	11·11	10·17	12,749	12,758	12,893	90	99

Digitized by Google

City Marriage-rates. — The marriage-rates and the numbers of marriages in the sixteen cities exceeding 15,000 in population are given in the next table for 1875, and the numbers of marriages alone in the three succeeding years; by which it may be seen that the marriage-rate has been less affected in the last three years in smaller towns and the country, than in the large cities.

City Marriages and Marriage-Rates, 1875–78.

CITIES.	Population by Census of 1875.	Marriage-Rate in 1875.	Persons Living to one Marriage, 1875.	MARRIAGES.			
				1875.	1876.	1877.	1878.
Boston . . .	341,919	9·68	103	3,311	2,814	2,767	2,892
Lowell . . .	49,688	10·26	97	510	524	549	546
Worcester . .	49,317	8·45	118	417	389	378	439
Cambridge . .	47,838	8·24	121	394	331	354	332
Fall River . .	45,340	9·79	102	444	413	457	407
Lawrence . .	34,916	10·89	92	380	323	330	339
Lynn . . .	32,600	8·71	115	284	302	338	298
Springfield . .	31,053	9·69	109	301	262	296	239
Salem . . .	25,958	6·78	147	176	172	164	180
New Bedford . .	25,895	10·54	95	273	241	280	257
Somerville . .	21,868	5·90	169	129	136	148	155
Chelsea . . .	20,737	8·73	115	181	197	166	160
Taunton . . .	20,445	7·34	136	150	133	130	103
Gloucester . .	16,754	9·25	108	155	173	164	146
Holyoke . . .	16,260	13·10	76	213	152	165	160
Newton . . .	16,105	6 90	144	112	83	94	83
The sixteen cities,	796,693	9·31	107	7,430	6,645	6,780	6,736
The rest of the State,	855,219	7·28	137	6,233	6,104	5,978	6,157
The whole State .	1,651,912	8·27	121	13,663	12,749	12,758	12,893

Season. — The usual rule is illustrated in the following table, that November is the month of the most, and March of the least number of marriages. The law of the preponderance of the different seasons is also observed this year, so far as the fourth and second quarters are concerned, the first being third in the list, instead of occupying its usual position of last: —

Digitized by Google

MARRIAGES *by Months and Quarters, 1878.*

MONTHS.	Marriages registered in each Month.	Marriages registered in each Quarter.	Quarterly percentage of total Marriages.
January	1,217	2,953	22·90
February	934		
March	802		
April	936	3,229	25·05
May	1,149		
June	1,144		
July	887	2,808	21·78
August	807		
September	1,114		
October	1,343	3,876	30·06
November	1,540		
December	993		
The year	12,893*	–	99·79†

* Including 27, month unknown. † .21 unknown.

By the next table, it may be seen that the fourth season occupies the first place, and the second the next, for each of the last ten years; that the third quarter comes third seven times and fourth three times. The percentages are calculated, as usual, from the total number of marriages in which the month of the ceremony was recorded (12,866), leaving out the 27 occurring in an unknown season of the year.

MARRIAGES given Quarterly for *Ten Years.*

YEARS.	1st Quarter.		2d Quarter.		3d Quarter.		4th Quarter.	
	Nos.	Per-centages.	Nos.	Per-centages.	Nos.	Per-centages.	Nos.	Per-centages.
1869	3,007	20·28	3,854	25.99	3,401	22 94	4,564	30·79
1870	3,277	22·26	3,625	24·62	3,259	22·14	4,560	30·98
1871	3,421	21·72	3,800	24·13	3,616	22·96	4,909	31·18
1872	3,423	21·21	4,157	25·75	3,711	22·99	4,851	30·05
1873	3,600	21·90	4,269	25·97	3,738	22·74	4,830	29·39
1874	3,303	21·22	4,052	26·03	3,466	22·27	5,743	30·48
1875	2,918	21·36	3,583	26·22	3,193	23·37	3,969	29·05
1876	2,850	22·35	3,201	25·11	2,811	22·05	3,887	30·49
1877	2,590	20·32	3,337	26·18	2,866	22·49	3,952	31·01
1878	2,953	22·95	3,229	25·10	2,808	21·83	3,876	30·12
Average	3,134	21·56	3,711	25·51	3,287	22·58	4,514	30·35

Digitized by Google

AGES *at Marriage of 12,857* MEN *and of 12,844* WOMEN.

	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
Men . . .	245	4,797	3,979	1,648	846	469	292	210	141	103	76	35	11	5
Women . .	2,394	5,706	2,578	960	556	293	179	88	38	37	10	3	2	–

AGES *at Marriage of 10,598* BACHELORS *and of 11,385* MAIDS.

Bachelors . .	244	4,795	3,684	1,255	444	147	57	24	8	5	2	2	1	–
Maids . . .	2,374	5,580	2,286	665	282	101	62	22	7	3	1	2	–	–

AGES *at Marriage of 2,236* WIDOWERS *and of 1,436* WIDOWS.

Widowers . .	1	61	286	393	401	322	235	186	133	97	73	33	10	5
Widows . .	13	118	286	294	274	192	117	65	31	34	9	1	2	–

The approximate average age of all the men married in 1878, was . . . . . 29·2
women married in 1878, was . . . . . 25·0
men marrying for the first time, in 1878, was . . . 26·5
women marrying for the first time in 1878, was . . . 23·8

Digitized by Google

APPROXIMATE AVERAGE AGES *at Marriage.* — *Ten Years.*

YEARS.	Average age of all Bridegrooms.	Average age of all Brides.	Av'ge age of men marrying for the first time.	Av. age of women marrying for the first time.
1869 . . .	28·9	24·9	26·4	23·7
1870 . . .	28·8	24·9	26·3	23·6
1871 . . .	28·6	24·6	26·3	23 5
1872 . . .	28·6	24·7	26·3	23·4
1873 . . .	28 7	24·8	26·3	23 5
1874 . . .	28·8	25·3	26 2	23·6
1875 . . .	28·9	25·0	26·3	23·6
1876 . . .	29 2	25·3	26·5	23·7
1877 . . .	29·2	25·2	26·4	23 8
1878 . . .	29.2	25·0	26·5	23·8

The preceding two tables are given, in accordance with custom, as stating certain facts with regard to the ages of persons married in 1878, and the approximate average ages at the time of marriage, so far as they can be calculated from Table V. (p. xxix). The uniformity of the custom in selecting the age for marriage, or at which marriage is possible under our social laws, is quite noticeable.

There were 200 more first marriages and 75 fewer second marriages of women in 1878 than in 1876, and 116 more first marriages and 11 more second marriages of women than in 1877; there were 132 more first marriages and 24 more second marriages of men than in 1876, and 99 more first marriages and 84 more second marriages of men than in 1877. The facts for 1878 are given in the next table.

Social or Conjugal Condition of Persons Married in Massachusetts, 1878.

MALES.	Whole No. of Marriages.	FEMALES.				
Number of the Marriage.		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Unknown
Whole Number .	12,893	11,427	1,363	72	4	27
1st marriage . .	10,622	10,000	602	20	–	–
2d marriage . .	2,053	1,323	686	41	3	–
3d marriage . .	169	99	62	7	1	–
4th marriage . .	18	4	11	3	–	–
5th marriage . .	4	1	2	1	–	–
Unknown . .	27	–	–	–	–	27

Digitized by Google

The percentages of first and subsequent marriages are shown by the following table, not to vary very greatly from year to year.

PERCENTAGES of First and Subsequent Marriages. — *Ten Years.*

		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.	Sixth Marriage.	Not stated.
1869	Males .	83·81	14·38	1·42	·15	·01	·02	·20
	Females .	88·70	10·57	·47	·03	·01	–	·20
1870	Males .	83·97	14·12	1·41	·19	·01	–	·29
	Females .	89·06	10·22	·41	·02	–	–	·29
1871	Males .	84·21	14 14	1·39	·13	·01	–	·11
	Females .	89·37	10·07	·43	·01	–	–	·11
1872	Males .	84·96	13·39	1·46	·06	·01	–	·12
	Females .	89·15	10·27	·45	·01	–	–	·12
1873	Males .	84 48	14·08	1·23	·08	·01	·01	·11
	Females .	89·30	9·25	1·33	·01	–	–	·11
1874	Males .	83·88	14·46	1·47	·09	·01	–	·09
	Females .	89·22	10·18	·50	·01	–	–	·09
1875	Males .	83·03	14·90	1·75	·12	·05	–	·15
	Females .	88·66	10·48	·68	·03	–	–	·15
1876	Males .	82·28	15·92	1·55	·12	·02	–	·11
	Females .	88·06	11·28	·51	·03	·01	–	·11
1877	Males .	82·49	15·43	1·73	·17	·02	–	·16
	Females .	88·66	10·60	·55	·03	–	–	·16
1878	Males .	82·38	15 93	1·31	·14	·03	–	·21
	Females .	88·63	10·57	·56	·03	–	–	·21

There were 10,000 bachelors in Massachusetts during the year married to maids; 622 bachelors were married to widows; 1,427 widowers married maids, and 817 widowers married widows. There were 2,244 widowers and 1,439 widows married.

Following the usual custom, remarkable disparities in the ages of those who were married during the year are shown in the next two tables: —

Digitized by Google

Certain Marriages, 1878.

Ages.	Totals.	AGES OF FEMALES.																
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	37
	880	3	30	93	308	119	115	82	53	38	17	8	6	4	1	1	1	1
Ages of Males.																		
16	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	11	–	–	1	–	4	3	–	–	–	1	2	–	–	–	–	–	–
18	61	1	1	5	10	17	14	9	2	2	–	–	–	–	–	–	–	–
19	164	–	3	8	23	36	31	26	10	13	9	3	–	1	–	–	1	–
20	310	2	3	8	35	62	67	47	41	23	7	3	6	3	1	1	–	1
21	62	–	4	14	44	–	–	–	–	–	–	–	–	–	–	–	–	–
22	58	–	3	15	40	–	–	–	–	–	–	–	–	–	–	–	–	–
23	57	–	6	13	38	–	–	–	–	–	–	–	–	–	–	–	–	–
24	43	–	1	7	35	–	–	–	–	–	–	–	–	–	–	–	–	–
25	29	–	4	2	23	–	–	–	–	–	–	–	–	–	–	–	–	–
26	22	–	1	7	14	–	–	–	–	–	–	–	–	–	–	–	–	–
27	18	–	–	5	13	–	–	–	–	–	–	–	–	–	–	–	–	–
28	10	–	–	–	10	–	–	–	–	–	–	–	–	–	–	–	–	–
29	10	–	–	–	10	–	–	–	–	–	–	–	–	–	–	–	–	–
30	4	–	1	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–
31	4	–	1	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–
32	3	–	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
33	5	–	–	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–
35	2	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
36	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
37	2	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
44	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
46	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
47	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Certain Marriages. — Ages, 1878.

First Marriage of both Parties.

Ages. Ma.	Ages. Fe.	No. of Couples.
16	15	1
17	16	1
17	18	4
17	19	3
17	23	1
17	24	2
18	14	1
18	15	1
18	16	5
18	17	10
18	18	17
18	19	14
18	20	9
18	21	2
18	22	2
19	15	3
19	16	8
19	17	23
19	18	36
19	19	31
19	20	26
19	21	10
19	22	13
19	23	9
19	24	3
19	29	1
20	14	2
20	15	3
20	16	8
20	17	35
20	18	62
20	19	67
20	20	47
20	21	41
20	22	23
20	23	7
20	24	3
20	25	6
20	26	3
20	37	1
21	15	4
21	16	14
21	17	44
22	15	3
22	16	15
22	17	40
23	15	6
23	16	13
23	17	38
24	15	1
24	16	7
24	17	35
25	15	4
25	16	2
25	17	23
26	16	7
26	17	14
27	16	5
27	17	13
28	17	10
29	17	10
30	15	1

First Marriage of both Parties.—*Con.*

Ages. Ma.	Ages. Fe.	No. of C'ples.
30	17	3
31	15	1
31	16	2
31	17	1
32	15	1
32	16	1
32	17	1
33	16	1
33	17	4
35	16	2
36	17	1
37	17	2
44	16	1
46	17	1
47	16	1
68	21	1
72	72	1
74	49	1

1st Male. 2d Female.

Ages. Males.	Ages. Females.
19	26
21	35
21	39
24	19
25	18
30	20
32	19
46	28
51	23

1st Male. 3d Female.

Ages. Males.	Ages. Females.
21	35
23	39
25	30
30	34

2d Male. 1st Female.

Ages. Males.	Ages. Females.
22	17
32	16
47	16
48	18
57	22
67	19
71	37
77	38
82	41

2d of both.

Ages. Males.	Ages. Females.
26	18
34	19
46	21
33	50
50	30
52	21
72	44
73	46
75	75
80	51
82	64

2d Male. 3d Female.

Ages. Males.	Ages. Females.
25	40
35	50
45	28
69	76
76	48

2d Male. 4th Female.

Ages. Males.	Ages. Females.
68	52
72	63
77	67

3d Male. 1st Female.

Ages. Males.	Ages. Females.
28	26
53	25
56	71
57	27
59	29
64	26
71	24
75	45

3d Male. 2d Female.

Ages. Males.	Ages. Females.
32	24
42	23
78	40

3d of both.

Ages. Males.	Ages. Females.
58	47
65	53
70	42
84	68

3d Male. 4th Female.

Ages. Male.	Ages. Female.
63	54

4th Male. 1st Female.

Ages. Males.	Ages. Females.
38	34
46	17
51	19
57	36

4th Male. 2d Female.

Ages. Males.	Ages. Females.
41	30
44	49
53	28
61	35

4th Male. 3d Female.

Ages. Males.	Ages. Females.
50	37
58	37
63	50

5th Male. 1st Female.

Ages. Male.	Ages. Female.
47	35

5th Male. 2d Female.

Ages. Males.	Ages. Females.
58	48
73	67

5th Male. 3d Female.

Ages. Male.	Ages. Female.
82	60

Digitized by Google

The gradual decrease in the proportion of marriages of native-born persons until the year 1873, and then the increase from that time forward, are another illustration of what has already been said of the movement of the population and decrease in the proportion of foreigners since the beginning of the present financial crisis. Native-born persons are children of families who had just arrived or who may have been in this country from a short time to several generations.

MARRIAGES according to Nativity. — *Percentages.*

YEARS.	Both Parties Native-born.	Both Parties Foreign-born.	Native-born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Not stated.
1863 . . .	61·34	27·85	4·44	5·14	1·23
1864 . . .	60·53	28·32	4·52	6·08	·55
1865 . . .	59.58	29·29	4·49	6·16	·48
1866 . . .	58·81	27·84	5·32	6·51	1·52
1867 . . .	58·39	28 96	5·40	6·31	·94
1868 . . .	58·10	29·08	5·41	6·94	·47
1869 . . .	57·48	29·26	5·24	7·58	·44
1870 . . .	56 79	29·01	6·12	7·98	·10
1871 . . .	55 71	29·37	6·24	8.50	·18
1872 . . .	53·89	30·76	6·85	8·42	·08
1873 . . .	53·26	31·12	6·56	8·99	·07
1874 . . .	53·64	29·29	6·88	9·08	·15
1875 . . .	57·03	27·09	7·05	8·82	·01
1876 . . .	58·43	25·52	7·55	8·32	·18
1877 . . .	60·00	22·76	8·00	9·11	·13
1878 . . .	61·38	21·52	8·34	8·64	·12

PROPORTION OF NATIVE TO FOREIGN-BORN PERSONS MARRIED.

YEARS.	Native-born.	Foreign-born.	YEARS.	Native-born.	Foreign-born.
1863 . . .	65·95	33 05	1871 . . .	63·19	36·81
1864 . . .	66·18	33·82	1872 . . .	61·57	38 43
1865 . . .	65·22	34·78	1873 . . .	61·08	38·92
1866 . . .	65·73	34·27	1874 . . .	62·67	37·33
1867 . . .	64·85	35·15	1875 . . .	64·96	35·04
1868 . . .	64·58	35·42	1876 . . .	66·49	33·51
1869 . . .	64·17	35 83	1877 . . .	68·64	31·36
1870 . . .	63·89	36·11	1878 . . .	69·95	30·05

Digitized by Google

DEATHS.

From 1875 to 1878, there has been an annual decrease in the number of deaths from 34,978 to 31,303; and in the death-rate from 21·17 per 1,000 living to 18·78. It is thought that few deaths escape registration now, and that under the new law the causes of death are more accurately stated than formerly, although there is still room for improvement in that respect.

The year 1878 has been one of average good health, no great epidemics have swept over the State: measles, whooping-cough, dysentery, and especially diphtheria and croup, have been prevalent and fatal to an unusual degree; but the mortality from the other preventable acute diseases has not risen to the average height. The number of deaths registered was less than in any other year since 1871; and the death-rate was 0·46 below the average of thirty years.

It may be seen by the table on the next page, how the mortality rates of the various years compare with each other since 1849, when the registration was first established on a basis of a considerable degree of completeness, after the experiments necessary to avoid prominent sources of error. Previous to 1849, too, the reports were made for the years ending March 31, instead of December 31, as has been the later rule.

Digitized by Google

DEATH-RATES in Massachusetts. — *1849–78.*

YEARS.	Deaths registered.	Deaths to 1,000 persons living.	Annual mean of quinquennial periods.
1849	20,423	21·16	
1850	16,606	16·70	
1851	18,934	18·90	
1852	18,482	17·99	
1853	20,301	18·88	18·71
1854	21,414	19·41	
1855	20,798	18·37	
1856	20,734	18·01	
1857	21,280	18·17	
1858	20,776	17·45	17·94
1859	20,976	17·33	
1860	23,068	18·74	
1861	24,085	19·46	
1862	22,974	18·45	
1863	27,751	22·16	20·70
1864	28,723	22·80	
1865	26,152	20·64	
1866	23,637	18·14	
1867	22,772	16·99	
1868	25,603	18·58	18·17
1869	26,054	18·38	
1870	27,329	18·75	
1871	27,943	18·70	
1872	35,019	22·85	
1873	33,912	21·58	20·82
1874	31,887	19·79	
1875	34,978	21·17	
1876	33,186	20·09	
1877	31,342	18·91	
1878	31,303	18·78	
Average	–	19 24	19·27

Digitized by Google

If we compare the death-rates of Massachusetts with those of foreign countries, where registration of vital statistics is thorough, it may be seen that our State compares favorably with others.

AVERAGE ANNUAL MORTALITY-RATES in Several Countries, 1853–77.

COUNTRIES.	In the 20 years, 1853–72.	1873.	1874.	1875.	1876.	1877.
Massachusetts . . .	19.1	21·6	19·8	21·2	20·1	18·9
England and Wales . .	22·4	21·1	22 3	22·8	21·0	20·4
Denmark	20·3	18·6	19·9	21·0	20·0	18·7
Sweden	20·4	17·2	20·3	20·2	19 5	18·5
Austria	31·9	38·5	31·3	29·7	29·4	31·1
Prussia	27·2	28·0	25·9	26·4	25·4	25·5
The Netherlands . .	25·7	24·0	22·6	25·4	23·3	22·0
France	24·4	23·3	21·4	23·1	22 7	21·7

County Death-rates. — The death-rates in the census years, and the numbers of deaths in all the years, given in the next table, furnish a convenient means of comparing the mortality of the various counties for the several years since 1865. It may be seen that Dukes and Nantucket are the only counties not showing a decreased number of deaths in 1878, as compared with the last census year.

Digitized by Google

*Deaths, 1865–78, and Death-rates in Census Years, by Counties.**

	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865 . .	34,610	56,944	89,395	8,948	171,034	31,340	64,570	39,269	220,384	116,306	63,107	208,214	162,912	1,267,031
" 1870 . .	32,744	64,827	102,886	7,910	200,843	32,635	78,409	44,388	274,353	89,443	65,365	270,802	192,716	1,457,351
" 1875 . .	32,144	68,270	131,087	7,272	223,342	33,696	94,304	44,821	284,112	88,321	69,362	364,886	210,295	1,651,912
Deaths, 1865 . . .	617	1,019	1,829	198	3,716	577	1,230	822	4,223	2,222	1,390	4,856	3,453	26,152
Death-rate, 1865 . .	**17·8**	**17·9**	**20·4**	**22·1**	**21·7**	**18·4**	**19·0**	**20·9**	**19·1**	**19·1**	**22·0**	**23·3**	**21·2**	**20·6**
Deaths, 1866 . . .	497	918	1,609	154	3,136	500	1,228	665	4,362	1,913	1,023	4,675	2,957	23,637
" 1867 . . .	475	887	1,576	142	2,863	473	1,207	579	4,167	1,828	945	4,717	2,913	22,772
" 1868 . . .	493	970	1,896	146	3,189	472	1,419	625	4,827	1,442	1,150	5,824	3,150	25,603
" 1869 . . .	539	963	1,767	150	3,480	526	1,376	652	4,923	1,555	1,094	5,865	3,164	26,054
" 1870 . . .	476	996	1,862	163	3,496	554	1,499	760	5,169	1,399	1,062	6,428	3,465	27,329
Death-rate, 1870 . .	**14·5**	**15·4**	**18·1**	**20·6**	**17·4**	**16·9**	**19·1**	**17·1**	**18·9**	**15·6**	**16·2**	**23·7**	**17·9**	**18·7**
Deaths, 1871 . . .	548	843	1,689	159	3,829	590	1,637	688	5,434	1,412	1,108	6,231	3,775	27,943
" 1872 . . .	575	1,234	2,519	170	4,640	538	2,031	933	6,528	1,688	1,224	8,490	4,449	35,019
" 1873 . . .	576	1,111	2,912	164	4,429	568	1,915	803	6,539	1,677	1,235	8,324	3,659	33,912
" 1874 . . .	543	1,195	2,507	176	4,055	604	1,761	988	5,684	1,492	1,127	8,188	3,567	31,887
" 1875 . . .	615	1,289	2,713	154	4,704	669	1,922	917	5,932	1,533	1,292	9,373	3,865	34,978
Death-rate, 1875 . .	**19·1**	**18·9**	**20·7**	**21·2**	**21·1**	**19·8**	**20·4**	**20·4**	**20·9**	**17·4**	**18·6**	**25·7**	**18·4**	**21·2**
Deaths, 1876 . . .	587	1,117	2,645	171	4,698	518	1,794	802	5,636	1,489	1,330	8,626	3,773	33,186
" 1877 . . .	530	1,085	2,602	234	4,527	511	1,638	764	5,396	1,480	1,171	7,636	3,768	31,342
" 1878 . . .	599	978	2,655	215	4,383	488	1,698	740	5,499	1,383	1,103	8,064	3,498	31,303

* In 1868 Roxbury was annexed to Suffolk County from Norfolk County; in 1870, Dorchester; in 1874, West Roxbury, and also Brighton and Charlestown from Middlesex County.

Digitized by Google

DEATH-RATES and DEATHS in Six Geographical Divisions.*

COUNTIES.	Population. 1875.	Death-rate. 1860.	Death-rate. 1865.	Death-rate. 1870.	Death-rate. 1875.	Deaths. 1875.	Deaths. 1876.	Deaths. 1877.	Deaths. 1878.
1. Metropolitan (City of Boston) . . .	341,919	24·7	23·6	24·3	26·1	8,925	8,196	7,284	7,677
2. North Eastern (Essex, and parts of Suffolk, and Middlesex)	502,101	18·1	20·4	18 3	21·0	10,537	10,234	9,812	9,804
3. South-Eastern (Dukes and Nantucket, Barnstable, Plymouth, Bristol, and Norfolk) .	328,186	16·2	20·0	16·6	19·2	6,307	6,222	6,017	5,955
4. Midland (Worcester, and part of Middlesex),	238,615	17·6	20·7	17·8	18·5	4,412	4,303	4,231	3,963
5. Valley (Franklin, Hampden, and Hampshire)	172,821	17·2	19·4	18·1	20·3	3,508	3,114	2,913	2,926
6. Western (Berkshire)	68,270	14·5	17·9	15·4	18·9	1,289	1,117	1,085	978
Whole State	1,651,912	18·7	20·6	18·7	21·2	34,978	33,186	31,342	31,303

* The towns of Ashby, Townsend, Pepperell, Shirley, Groton, Dunstable, Tyngsborough, Westford, Littleton, Boxborough, Acton, Stow, Marlborough, and Hopkinton, are included in the *Midland Division;* the remaining towns of Middlesex County are placed in the *North-eastern Division.*

Digitized by Google

Beside the comparison by counties, it has been customary since 1858 to tabulate the deaths in the State according to six geographical divisions, which represented quite well the diversities of pursuit or density of population and habits of the people, before the development of our manufacturing industries. They are intended to represent the most crowded part of the State at one extreme, and the most rural districts at the other; they show (see preceding page) in a general way the more favorable influence of fresh air upon health and longevity.

City Death-rates. — Corresponding with the tables of births and marriages, the next gives the death-rates in the cities containing over 15,000 inhabitants in the State, for the last census year; for subsequent years, the numbers of deaths are given. The destructiveness to life of the crowding, bad air and poverty, incident to city life, with their excess of productiveness and consequent greater mortality (conspicuous among infants), are clearly shown.

Death-rates and Deaths in Populous Places.

CITIES.	Population by Census of 1875.	DEATH-RATES.			DEATHS.			
		1865.	1870.	1875.	1875.	1876.	1877.	1878.
Boston	341,919	23·6	24·3	26·2	8,925	8,196	7,284	7,677
Lowell	49,688	18·6	23·2	20·5	1,021	1,147	1,029	1,088
Worcester	49,317	24·9	21·8	20·9	1,030	1,046	1,063	944
Cambridge	47,838	18·9	20·4	23·3	1,115	964	972	964
Fall River	45,340	21·5	20·8	24 0	1,088	1,025	1,058	1,054
Lawrence	34,916	25·7	17·2	26·0	906	796	831	832
Lynn	32,600	22·1	17·2	19·2	627	661	656	627
Springfield	31,053	16·0	18·5	20·9	650	609	498	482
Salem	25,958	21·1	20·6	22·9	595	617	553	513
New Bedford	25,895	21·2	17·8	21·7	562	512	525	561
Somerville	21,868	20·4	17·6	22·9	500	444	441	367
Chelsea	20,737	20·8	16·8	20·1	417	398	318	350
Taunton	20,445	21·5	19·8	19·8	404	385	426	378
Gloucester	16,754	24·5	23·2	28·4	477*	622‡	416‖	§345
Holyoke	16,260	21·4	27·2	29·3	476†	405	315	389
Newton	16,105	13·9	10·1	13·9	224	270	227	248
The sixteen cities	796,693	22·1	21·6	23·9	19,017	18,097	16,612	16,819
The rest of the State	855,219	19·8	16·6	18·7	15,961	15,089	14,730	14,484
The whole State	1,651,912	20·6	18·7	21·2	34,978	33,186	31,342	31,303

* Including 123 lost at sea. † Including 71 deaths by fire. ‡ Including 175 lost at sea.
‖ Including 41 lost at sea. § Including 58 lost at sea.

Digitized by Google

In 1865, the sixteen cities had a population of 472,799 against 794,232 in the rest of the State; in 1870, 619,061 against 838,290, and in 1875, 796,693 against 855,219. In 1865, the deaths were 10,430 against 15,722 in the rest of the State; in 1870, 13,385 against 13,944, and in 1878, 16,819 against 14,484. The death-rates have also changed, as may be seen from the table, in a corresponding manner, as the population has collected more in the large cities.

Seasons. — By the following table it may be seen that the months of least and greatest fatality in 1878, were respectively June and August, which is the usual rule. The order is as follows for the year: — June, February, May, April, November, January, March, October, September, December, July, August. *December* occupying a much higher place than usual.

INFLUENCE OF SEASONS on Deaths. — *1878.*

	Deaths registered in each Month.	Deaths registered in each Quarter.	Quarterly Percentage of Total Mortality.	Annual Death-rate per 1,000 living.
January	2,578			
February	2,261	7,453	23·81	17·88
March	2,614			
April	2,415			
May	2,370	6,936	22·16	16·65
June	2,151			
July	2,976			
August	3,216	8,926	28·51	21·41
September	2,734			
October	2,731			
November	2,496	7,988	25·52	19·16
December	2,761			
The Year	31,303	31,303	100·00	18·78

In the next table, the constant predominance of the third season of the year in the order of fatality is observed; the fourth season comes second, occupying the more usual place of the first season; the second season, of moderate weather, is, for

Digitized by Google

1878, and for each of the other years except 1874, the least destructive to life. The last quarter in 1878 shows a much higher proportion of the deaths than the average, or than any other of the ten years; the first equals the average, the second and third being less.

PERCENTAGES OF DEATHS, by Quarters. — *Ten Years.*

	Percentage of Deaths for Quarter ending with			
	March.	June.	September.	December.
1869	24·5	22·4	28·8	24·3
1870	22·2	21·5	32·2	24·1
1871	23·4	23·0	30·5	23·1
1872	22·1	21·9	33·3	22·7
1873	24·3	22·2	30·8	22·7
1874	22·6	23·4	29·6	24·4
1875	24·7	22·5	29·4	23·4
1876	25·6	22·3	29·4	22·7
1877	24·4	22·2	29·7	23·7
1878	23·8	22·2	28·5	25·5
Average	23·8	22·4	30·2	23·7

Weather-record. — A more extended notice of the meteorology for the year will be given at the end of the observations with regard to causes of death. In connection with the preceding table, however, it may be interesting to observe the monthly means of temperature for 1878 as compared with those of the previous years, and with the decennial mean just preceding. The mean temperature for the year is higher than in 1877, or for the decennial period. August is the only month which was cooler in 1878 than the mean for the ten years, 1868–77; June was nearly the same; the other months were all warmer.

Digitized by Google

MEAN MONTHLY TEMPERATURE. (Fahrenheit).

MONTHS.	CAMBRIDGE.			AMHERST.		
	1878.	1877.	Ten years, 1868-77.	1878.	1877.	Ten years, 1868-77.
January	25·69	21·4	25·3	25·29	20·0	24·2
February	27·91	30·7	25·2	27·14	30·8	24·5
March	38·56	33·8	31·4	39·24	33·3	31·4
April	48·55	44·8	43 2	52·17	47·8	44·3
May	57·39	56·6	55·6	57·38	58·5	55·0
June	66·56	69·2	66·6	64·73	67·8	67·3
July	74·75	72·4	72·3	73·33	71·1	71·1
August	69·39	71 9	69·6	68·63	71·3	69·1
September	62·93	63·7	60·9	63·20	63·3	60·0
October	54·41	50·3	49 8	54·43	50·5	48·4
November	38·79	42·2	37·4	39·11	51·9	37·3
December	28·65	33·2	27·5	28·95	33·1	26 2
Av. Annual Temperature	49·46	49·2	47·1	49·47	49·1	46·6

Sex.—In 1878, the deaths of females exceeded the deaths of males by 702: 15,284 of the latter having been reported, and 15,986 of the former (unknown 33). This proportion, 95·6 to 100, is chiefly due to the excess of females over males in the population (857,529 to 794,383, showing an excess of 63,146 in 1875; in 1865, the excess was 63,011, and in 1855, it was 32,301). In the three State-census years 1855, 1865 and 1875, the ratio of females to males in the population was respectively 105·87; 110·46, and 107·95.

By the following table, the relations between the sexes in the mortality returns may be seen to vary considerably at different periods. The progressively more prominent place of deaths of females since 1873, the year of beginning financial depression, is very marked. It is difficult to account for it except on the ground of a disproportionate emigration of males from the State. At least, no cause is known to us, which would be likely to be productive of a relatively increasing mortality among females in that time. The deaths reported of unknown sex are not sufficient or variable enough to account for the fact, as is shown by the following list of deaths reported of unknown sex from 1865 to 1878 inclusive: 43, 33, 53, 37, 46, 32, 27, 46, 28,

Digitized by Google

40, 30, 32, 21, 33. No change in the observance of the registration laws is known to have tended toward such a result.

The death-rates of males, as given in the State-census years, show a greater actual mortality among them than for females.

MORTALITY of Males and Females compared.

	Deaths of Males.	Deaths of Females.	Males to 100 Females.	Death-rate of Males.	Death-rate of Females.
1852–61	104,875	106,020	98 9		
1862–65 (4 years of war) .	54,407	50,994	106·7		
1865	13,085	13,024	100·5	21·7	19·6
1866	11,601	12,003	96·6		
1867	11,350	11,369	99 8		
1868	12,871	12,695	101·4		
1869	12,777	13,231	96·6		
1870	13,699	13,598	100·7		
1871	13,985	13,931	100·4		
1872	17,717	17,256	102·7		
1873	17,242	16,642	103·6		
1874	15,912	15,935	99·9		
1875	17,329	17,619	98·4	21·8	20·5
1876	16,485	16,669	98·8		
1877	15,427	15,894	97·1		
1878	15,284	15,986	95·6		

Age. — The statistics of the relation of age to mortality, for the year, are as follows: — .

DEATHS at Different Ages — 1878.

		Under 1 Year.	Under 5 Years.	20 to 30.	All others.*	Totals.
I. Deaths . .	Males . .	3,444	5,828	1,191	8,265	15,284
	Females .	2,712	4,960	1,640	9,386	15,986
	Totals . .	6,156	10,788	2,831	17,651	31,270
	Unknown .	33	33	–	–	33
II. Percentage for each sex .	Males . .	22·53	38·13	7·79	54·08	–
	Females .	16 97	31·03	10·26	58·71	–
III. Percentages for each period of life		19 69	34·50	9·05	56·45	–
IV. Females to 1,000 males . .		787	851	1,377	1,136	1,046

* Including 105 males and 61 females whose ages were not reported.

Digitized by Google

It may be seen that the deaths of male infants under one year of age exceed those of females by a very large percentage, which is less marked if we compare the mortality of the first five years of life. Between the ages of 20 and 30 many more women die than men, as is found to be the case also at the later ages taken together.

Of the total mortality, a trifle under one-fifth was of infants under one year of age; a little over one-third was of children under five.

By comparing the last ten years' results, it is found that the infant proportion has been quite small for the past three years, a fact which is partially compensated for by the smaller number of births in those years.

DEATHS at Different Ages. — *Percentages.* — *Ten years.*

	Under 1 Year.	Under 5 Years.	20 to 30	All others.
1869	20·60	35·40	10·02	54·58
1870	22·71	36·12	10·56	53·32
1871	21·46	34·00	10·57	55·43
1872	23·96	38·75	10·76	50·49
1873	23·33	36·49	10·46	53·05
1874	23·49	36·58	9·88	53·54
1875	22·05	36·76	9·33	53·91
1876	20·19	36·19	9·07	54·74
1877	20·24	35·64	9·47	54·89
1878	19·69	34·50	9·05	56·45
Average	21·77	36·04	9·92	54 04

The aggregate deaths at different ages and the percentages for ten years, as given in the following table, when compared with the similar table for 1878, show an increased relative mortality of females for that year, and a diminished infant mortality.

Digitized by Google

Deaths at Different Ages.—Ten Years—1869–78.

		Under 1 Year.	Under 5 Years.	20 to 30.	All others.	Totals.
I. Deaths . .	Males .	37,579	60,578	13,982	81,452	156,012
	Females .	30,692	52,459	18,000	87,449	157,908
	Totals .	68,271	113,037	31,982	168,901	313,920
	Unknown,	–	–	–	–	335
II. Percentages for each sex .	Males .	24·09	38 83	8·96	52·21	–
	Females .	19·44	33·22	11·39	55·39	–
III. Percentages for each period of life		21·75	36·01	10·19	53·80	–
IV. Females to 1,000 males. .		817	866	1,287	1,074	1,012

By a comparison of deaths of infants under one year of age with births, for a period of ten years, it may be seen that there is actually a great reduction in the former, in the last three years, as is shown in the following table:—

INFANT MORTALITY in Massachusetts.—*Ten Years—1869–78.*

	Births.	Deaths under one year.	Deaths under one year to 100 Births.
1869	36,141	5,368	14·85
1870	38,259	6,206	16·22
1871	39,791	5,996	15 07
1872	43,235	8,390	19·41
1873	44,481	7,911	17·78
1874	45,631	7,489	16·41
1875	43,996	7,712	17·53
1876	42,149	6,700	15·89
1877	41,850	6,343	15·15
1878	41,238	6,189	15·01
Average	–	–	16·33

The favorable condition of the public health in the last year, is shown, as compared with the previous six especially, by the following table:—

Digitized by Google

DEATHS AND DEATH-RATES per 1,000 Living at Specified Ages. — 1865–1878.

	All Ages.	Under 1.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 & over.	Unknown.
Deaths in 1865	26,152	4,869	9,191	1,383	651	1,128	2,837	2,168	1,694	1,687	1,949	1,880	1,399	185
Death-rates in 1865 . . .	**20 64**	**205·28**	**68·62**	**9·63**	**5·14**	**9·63**	**12·58**	**11·68**	**11·86**	**17·49**	**32·90**	**70·48**	**168·23**	–
Deaths in 1866	23,637	4,699	7,877	950	559	932	2,533	2,112	1,670	1,643	1,935	1,906	1,386	134
" in 1867	22,772	4,763	7,956	964	475	873	2,425	1,899	1,582	1,543	1,731	1,777	1,435	112
" in 1868	25,603	5,421	9,367	1,144	538	851	2,453	2,014	1,775	1,660	2,035	2,103	1,549	114
" in 1869	26,054	5,368	9,224	1,078	570	937	2,609	2,097	1,803	1,715	2,101	2,095	1,643	182
" in 1870	27,329	6,206	9,873	825	556	1,027	2,883	2,275	1,947	1,837	2,058	2,196	1,654	198
" in 1871	27,943	5,996	9,502	937	590	1,071	2,953	2,349	1,997	1,924	2,234	2,341	1,764	281
" in 1872	35,019	8,390	13,573	1,275	714	1,403	3,767	2,714	2,262	2,141	2,499	2,596	1,866	209
" in 1873	33,912	7,911	12,374	1,328	737	1,341	3,549	2,811	2,220	2,219	2,634	2,607	1,812	280
" in 1874	31,887	7,489	11,664	1,260	633	1,170	3,150	2,492	2,157	2,193	2,518	2,602	1,877	171
" in 1875	34,978	7,712	12,823	1,603	706	1,287	3,245	2,743	2,361	2,336	2,760	2,959	1,966	189
Death-rates in 1875 . . .	**21·17**	**226·56**	**73·96**	**9·77**	**4·72**	**7·73**	**10·49**	**11·30**	**12·97**	**18·29**	**34·79**	**71·11**	**176·41**	–
Deaths in 1876	33,186	6,700	11,974	1,885	688	1,118	3,001	2,504	2,227	2,196	2,657	2,713	1,947	276
" in 1877	31,342	6,343	11,145	1,608	650	1,183	2,971	2,403	2,059	2,050	2,526	2,748	1,873	126
" in 1878	31,303	6,189	10,821	1,468	649	1,051	2,831	2,410	2,070	2,188	2,553	2,976	2,120	166

Digitized by Google

DEATHS. — Table of Average Ages, by Counties, of those deceased in Massachusetts whose Deaths were registered in the Fourteen Years, 1865–78.

YEARS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1865	28·68	35·07	31·95	30·36	37·36	27·27	37·97	25·75	30 61	29·72	29·30	33·30	24·24	28·50
1866	30·92	35·97	35·36	33·32	49·10	30 00	38·07	29 21	35·01	30·70	31·27	40 04	25·65	31·36
1867	30 05	38·99	33·18	32·25	49·17	30·87	43·57	28·05	37·85	28·94	29·79	40·14	23·73	30 61
1868	29·92	41·70	31·51	30 81	53·13	30 37	39·31	25·72	37·69	29 74	33·81	37·03	23·41	32 56
1869	30·40	41·99	38·36	32·50	54·65	29·60	40·89	28·97	40·07	28·14	30·45	37·75	25·22	32·13
1870	30·25	41·89	33·72	34·34	48·73	30·93	39.67	28·67	35·41	28 95	33·95	40 94	24·53	29 89
1871	31·45	42·51	33·89	34·45	53 69	30·74	42·70	28·29	36·78	30·44	34·20	40·36	25·97	33·26
1872	27·65	38·55	31·05	28·96	51 95	29·00	39 34	23·02	32·99	25 78	31·47	39·57	23·52	27·76
1873	27·96	38·18	34·61	26·85	54·00	29·97	39.79	25·72	33·59	28 61	32·93	37·50	20·01	31·36
1874	29·83	40·26	32·04	29·96	52 08	31·59	35·99	26·35	35·32	28·02	33.33	39·25	25·18	32·64
1875	29·81	40·77	34·66	30·90	46·95	29·54	40·00	27 36	34·31	28·43	35·02	39·58	23·73	35·31
1876	31·45	42·51	33·89	34·45	52·88	30·74	42·70	28·29	36·78	30·44	34·20	40·36	25 97	33·26
1877	30·29	43·80	34·05	30·00	47·11	29·35	40·68	29·00	37·48	28 28	32·13	41 24	26·15	32·57
1878	31·62	41·75	35 82	30·64	47·70	31·17	44·94	28·03	39·01	30·65	36·98	42·77	27·04	33·92
14 years	29·82	40·30	33·93	30·83	49 57	29·96	40 18	27·20	35 84	29·07	32·55	38·86	24·45	31·43

Digitized by Google

The preceding table of average ages at death for each county in each of the years, from 1865–78, and the average age for the fourteen years, obtained by dividing the aggregate ages by the aggregate number of deaths for that period, will be found of interest.

In the smaller counties especially, and in all of them to a greater or less degree, there would naturally be a considerable variation in the average age at death from year to year. By taking a considerable space of time, however, any error from that source is eliminated. We find the average age at death in the two sparsely-populated islands, Dukes and Nantucket, to be the highest. The Cape county, almost wholly rural, comes next, while Franklin County, chiefly agricultural, next in order, is followed by Plymouth, where there are comparatively few manufactures. Hampshire, Berkshire, and Norfolk in order, are counties in which there are several not large manufacturing towns, but still extensively made up of farms. Next in order, are Worcester (31·43) with the third city in size in the State, and Bristol (30·83) in which are the manufacturing centre of Fall River and the large towns of New Bedford and Taunton. Essex, (29·96) is the last above the average for the State, and contains many manufacturing towns, as does also Middlesex. Hampden is very largely made up of the two manufacturing cities of Holyoke and Springfield. Its position as compared with Franklin County is significant. Perhaps part of the difference in the longevity enjoyed in the two may be due to their geographical positions and comparative drainage, the former being at the lower part of the Connecticut Valley and flat, while the latter is higher up and more sloping, Hampshire lying between the two. Suffolk County, composed chiefly of Boston, would naturally come last.

The following-named 18 persons, 5 males and 13 females, who died during the year, were said to have reached the unusual age of 100 years. Seven were native-born, eleven were born in Ireland. No careful investigation has been made to ascertain how far the reported facts in these cases correspond exactly with the reality.

Digitized by Google

AGED One Hundred Years. — *Died in 1878.*

Date of Death.	NAME.	AGE. Yrs.	AGE. Mos.	Place of Death.	Birthplace.	Whether previously Married or Single.
1878.						
January 2	Mary Nevins (m. n. McMan)	100	3	Nantucket	Ireland	Married.
" 6	Mary Gilday (m. n. Gilmartin)	100	–	Boston	"	"
" 10	Polly Sherman	102	–	Marshfield	Duxbury	"
February 16	John McGee	109	9	Boston	Ireland	"
March 4	Honora McCarthy	100	–	Somerville	"	"
" 17	Tourtellot Inman	100	9	Milford	Rhode Island	"
May 28	Rosanna Karns	100	3	Somerville	Ireland	"
July 2	Mary Champny (m. n. Hildreth)	101	8	Billerica	Westford	"
" 2	Mary Conners	103	–	Millbury	Ireland	"
" 24	Mary Carroll (m. n. Walsh)	101	–	Worcester	"	"
" 29	Israel Bagg	101	3	Bernardston	West Springfield	"
" 30	Alice Brooker (mulatto)	103	–	South Scituate	Lexington	"
August 8	Timothy Cronin	105	–	Cheshire	Ireland	"
" 12	Mary White (m. n. Hollis)	102	5	Braintree	Braintree	"
October 2	Johanna Buckley	100	6	Haverhill	Ireland	"
November 2	Mary Cuddy (m. n. Hagan)	104	–	Worcester	"	"
" 18	Dennis McCarty	103	–	Boston	"	"
December 27	Jemima Peck (colored — " A ")	106	–	New Bedford	Bristol, R.I.	"

Digitized by Google

Nativity of Decedents. — The nativity of those who died during the year is a fact of less and less importance as the heterogeneous elements in our population become less and less prominent, and a certain amount of error is unavoidable from a perhaps natural wish to claim American nativity on the part of a certain number to whom the title does not fairly belong. Still the following table of deaths by counties according to nativity will be of interest: —

NATIVITY of those whose Deaths were registered in 1878.

COUNTIES.	NATIVE-BORN.		FOREIGN-BORN.		NATIVITY NOT STATED.		TOTALS.	
	Numbers.	Per-centages.	Numbers.	Per-centages.	Numbers.	Per-centages.	Numbers.	Per-centages.
Barnstable .	547	91·32	35	5·84	17	2·84	599	100·00
Berkshire .	795	81·29	164	16·77	19	1·94	978	100·00
Bristol .	2,121	79·89	514	19·36	20	·75	2,655	100·00
Dukes and Nantucket .	205	95·35	6	2·79	4	1·86	215	100·00
Essex . .	3,630	82·82	709	16·18	44	1·00	4,383	100·00
Franklin .	450	92·21	30	6·15	8	1·64	488	100·00
Hampden .	1,372	80·80	304	17·90	22	1.30	1,698	100·00
Hampshire .	618	83·51	115	15.54	7	·95	740	100·00
Middlesex .	4,287	77·96	1,122	20·40	90	1·64	5,499	100·00
Norfolk .	1,138	82·28	229	16·56	16	1·16	1,383	100·00
Plymouth .	999	90.57	98	8·89	6	·54	1,103	100·00
Suffolk .	5,841	72·43	2,152	26·69	71	·88	8,064	100·00
Worcester .	2,826	80·79	637	18·21	35	1·00	3,498	100·00
The State .	24,829	79·32	6,115	19·54	359	1·14	31,303	100·00

The comparison carried through the State for a series of 25 years is interesting, but the facts presented do not admit of any very exact generalizations: —

Digitized by Google

NATIVITY of Persons Deceased in Massachusetts. — *Twenty-five Years.*

	Total Deaths.*	Native-Born.		Foreign-Born.	
		Numbers.	Percentages.	Numbers.	Percentages.
1854–59 (annual mean) .	20,996	16,880	83·88	3,246	16·12
1860–65 (annual mean) .	25,459	21,243	84·92	3,772	15·08
1866–70 (annual mean) .	25,079	19,982	80·82	4,745	19·18
1871	27,943	21,862	78·63	5,951	21·37
1872	35,019	27,817	79·67	7,100	20·33
1873	33,912	27,435	81·57	6,198	18·43
1874	31,887	24,929	80·82	6,672	19·18
1875	34,978	27,666	79·80	7,002	20·20
1876	33,186	26,374	80·47	6,399	19·53
1877	31,342	24,873	80·41	6,057	19·59
1878	31,303	24,829	80·24	6,115	19·76

* Including those whose nativity was not recorded. In the calculations of percentages, the ratios are not given to the *total* reported deaths; but only to the total of those cases where the nativity was stated. The number who died whose nativity was not stated, in 1878, was 359, or 1·14 per cent of the whole number.

Digitized by Google

CAUSES OF DEATH.

Of the 31,303 deaths reported in Massachusetts in 1878, the cause of death was unknown in 837 cases, leaving 30,466 in which the facts required by the law were ascertained. The number of returns not specifying the cause of death in 1878, shows a decided improvement over former years. From 1868 to 1877, the certificates incomplete in that respect numbered 1,464, 1,435, 1,350, 1,290, 1,457, 1,302, 1,138, 1,017, 999, and 910. Of the 837 in 1878, the sudden deaths were 15; 22 were from inflammation; 77 from hemorrhage; tumors were returned as the cause of 78, and 645 were unknown; nearly two-thirds of the latter, namely 406, were of infants under five years of age.

As compared with the population, the deaths from unspecified causes were in 1878 less than half as many as in 1868 (·502 per 1,000 to 1·062).

The causes of the 30,466 deaths, according to the usual nosological arrangement, are as follows: —

Causes of Death by Classes — 1878.*

CLASSES.	Deaths. 1878.	Percentages.	Deaths to 1,000 of Estimated Population.
Zymotic diseases	7,666	24·49	4·60
Constitutional diseases . . .	7,688	24·56	4·61
Local diseases	10,549	33·70	6·33
Developmental diseases . . .	3,367	10.76	2·02
Violent deaths	1,196	3·82	·72
Unspecified	837	2·67	·50
Totals	31,303	100·00	18·78

* Excluding 1,261 still-born.

Digitized by Google

There is a very marked reduction in the class of zymotic diseases, 8,709 having been reported in 1877; the number of deaths from constitutional diseases was 58 more in 1878 than in 1877, while the local diseases showed an excess of 887 deaths over the previous year, and developmental diseases, 139.

From a comparison of ten years in the following table, in which deaths from unspecified causes are not included, it may be seen that the deaths from the zymotic diseases — those commonly considered as most indicative of the sanitary condition of a country — were in 1878 fewer in proportion to the others than in any of the other years except 1871; that the constitutional diseases were proportionately more fatal than the average; that the local diseases caused a very much greater mortality than in any other of the ten years; that the developmental diseases for the last four years have held a position much lower than the average; and that violent deaths occupied a lower relative place than in any other of the years except 1872, when infectious diseases were so very fatal.

Percentage of Causes of Death by Classes. — Ten Years.

YEARS.	CLASSES.				
	Zymotic.	Constitutional.	Local.	Developmental.	Violent Deaths.
1869	26 8	25·5	27·9	15·6	4·2
1870	25·6	26·6	28·1	15·6	4·1
1871	23·3	25·9	29·1	17·1	4·6
1872	30·9	23 1	27·7	14·6	3·7
1873	28·7	23·8	27·9	15·2	4·4
1874	25·7	23·8	30·4	15·7	4·4
1875	28·6	24·3	31·8	11·2	4·1
1876	29·4	23·9	31·3	11·0	4·4
1877	28·6	25·1	31·7	10·6	4·0
1878	25·2	25 2	34·7	11·0	3 9
Average . . .	27·3	24·7	30·0	13·8	4·2

Studying the various classes more particularly, the relations of the most destructive *zymotic diseases*, for the past ten years, are shown in the following table: —

Digitized by Google

Mortality from Prominent Zymotic Diseases. — Ten Years.

YEARS.	DISEASES.									
	Dysentery.	Typhoid Fever.	Whooping-Cough.	Croup.	Diphtheria.	Measles.	Scarlatina.	Cholera Infantum.	Smallpox.	Total.
1869 .	481	1,205	320	473	296	222	1,405	1,424	59	5,885
1870 .	471	1,333	330	434	242	269	683	1,914	131	5,807
1871 .	389	1,116	243	473	274	131	867	1,718	295	5,506
1872 .	564	1,703	363	480	273	428	1,377	3,254	1,029	9,471
1873 .	435	1,406	264	435	310	180	1,472	2,553	668	7,723
1874 .	366	1,147	449	411	502	161	1,382	2,322	26	6,766
1875 .	437	1,059	242	680	1,200	233	1,684	2,606	34	8,175
1876 .	417	881	192	684	2,610	47	1,222	2,087	31	8,171
1877 .	580	814	369	544	2,634	135	467	1,927	26	7,496
1878 .	602	679	400	583	1,934	305	404	1,573	2	6,482

Dysentery and whooping-cough were more fatal than usual; diphtheria and croup remain at the head of the list, as for the previous two years, but with a considerable annual decrease since 1876; the mortality from measles was high; typhoid fever, scarlet fever, cholera infantum, and small-pox showed very much the lowest death-rates obtaining in the decennial period, while the total deaths from the nine causes number 666 less than the average for ten years, and only 597 more than in 1869, with a population probably, at least, 250,000 greater.

Of the *constitutional diseases*, consumption and cancer are by far the most fatal. The improvement shown in the death-rate from the former is probably due, in part, to a more accurate recognition and registration of disease; and partly also to an improvement in the public health, more than counteracting the increased tendency to it from confinement in shops, exposure, and the evils arising from a rapidly concentrating population. The evidence is that more accurate diagnosis and increased care in the death-returns have excluded from the list a considerable number of cases of wasting maladies of other kinds.

With cancer, on the contrary, the better means of recognizing obscure affections, and the more frequent dependence on medical certificates, would tend to include a greater number of cases in which formerly cancer, affecting internal organs, might have been overlooked.

Digitized by Google

The number of deaths and the death-rates for the past twenty-two years furnish an instructive means of comparison for these two destructive and almost inevitably fatal diseases.

Deaths and Death-rates per 10,000 from Cancer and Consumption.

YEARS.	CANCER.		CONSUMPTION.	
	Deaths.	Death-rates.	Deaths.	Death-rates.
1857	242	2·07	4,625	39·50
1858	289	2·43	4,574	38·42
1859	306	2·53	4,704	38·85
1860	335	2·72	4,557	37·02
1861	336	2·71	4,552	36·77
1862	319	2·56	4,269	34·28
1863	324	2·59	4,667	37·26
1864	330	2·62	4,773	37·89
1865	375	2·96	4,661	36·79
1866	416	3·19	4,600	35·33
1867	395	2·95	4,362	32·55
1868	445	3·23	4,437	32·20
1869	492	3·47	4,659	32·88
1870	516	3·54	5,003	34·33
1871	551	3·69	5,070	33·93
1872	542	3·54	5,556	36·26
1873	611	3·89	5,556	35·36
1874	585	3 63	5,284	32·80
1875	593	3·59	5,738	34·73
1876	657	3·98	5,327	32·25
1877	646	3·90	5,457	32 93
1878	807	4 84	5,334	32·00

Of the principal *local diseases*, the increase in those of the central nervous system, as shown in the next table, is very strikingly illustrative of the great strain upon the energy of the race by the complicated conditions of modern life.

The increase in deaths from heart-diseases is due probably in part to the same cause which increases nervous disorders, in part to more accurate registration eliminating cases of dropsy caused by heart diseases, and also partly to an increase in rheumatism, to which it is so often a consequent affection.

Digitized by Google

The mortality from *pulmonary diseases* has increased at a more rapid rate than the population, possibly indicating the greater extent to which the people are exposed to frequent changes of temperature and bad air in tenements, and in the shops of our greatly increased manufacturing industries.

The excessively greater numbers of deaths from *peritonitis* and *Bright's disease*, from year to year, are to a certain extent accounted for by more accurate registration, by which cases of "dropsy" are placed under the head of Bright's disease and the other causes to which the dropsy is due; and "consumption" is not used to cover so wide a margin of error as formerly. Still the enormous increase of Bright's disease is out of all proportion to those sources of error, and is probably due to the increasing strain of life in a community in which the struggle for existence necessitates ever greater drains upon the conservative forces.

In the first quinquennial period covered by the *preceding* table, "dropsy" caused an average of 485 deaths; in the second, 491; in the third, 473; in the fourth, 510; in 1877, only 412; and in 1878 still less, 370. A certain number of these cases should properly belong under the head of scarlet-fever, Bright's disease, peritonitis, etc.

Mortality from principal Local Diseases. — Ten Years.

	Diseases.									
	Apoplexy.	Paralysis.	Insanity.	Convulsions.	Heart Diseases.	Bronchitis.	Pleurisy.	Pneumonia.	Peritonitis.	Bright's Disease.
1869 . .	331	607	87	479	911	239	93	1,736	72	125
1870 . .	394	630	103	527	978	259	75	1,718	86	140
1871 . .	390	714	89	522	1,149	272	90	1,858	69	199
1872 . .	409	791	103	658	1,218	287	81	2,295	100	223
1873 . .	431	858	88	629	1,252	328	90	2,097	102	271
1874 . .	433	775	100	595	1,293	395	103	2,386	129	299
1875 . .	460	896	118	607	1,355	433	103	2,940	155	293
1876 . .	507	826	146	597	1,370	428	86	2,447	123	308
1877 . .	544	873	112	568	1,391	397	82	1,972	126	329
1878 . .	562	895	152	542	1,509	548	80	2,171	164	383

Digitized by Google

Of the *fourth class* of diseases, probably a large part of the deaths referred to "teething" are of obscure origin, or due to digestive disorders.

The mortality from child-birth (including the following two columns) includes to a certain extent also a considerable number of deaths from puerperal fever incident to child-birth, but properly belonging under the head of zymotic diseases. The two taken together represent in a measure the care and skill received by women in child-birth; the figures indicate a less mortality from that source than in England.

The deaths indicated still-born, infantile, premature, etc., are largely due to accidents, but some of them have a certain bearing upon the morality of a people; an improvement is shown.

The more people living long enough to die of old age in a country, the better naturally is its sanitary state.

Mortality from chief Developmental Diseases. — Ten Years.

YEARS.	DISEASES.					
	Teething.	Still-born, Infantile, Premature, etc.	Child-birth.	Abortion.	Puerp. Convulsions.	Old Age.
1869 . . .	254	1,759	251	4	25	1,375
1870 . . .	308	1,756	252	8	17	1,444
1871 . . .	260	2,131	229	1	16	1,554
1872 . . .	367	2,159	267	3	15	1,664
1873 . . .	348	2,020	301	2	28	1,672
1874 . . .	286	2,189	293	7	34	1,549
1875 . . .	325	2,095	298	10	19	1,732
1876 . . .	273	1,860	276	20	20	1,661
1877 . . .	259	1,773	198	10	29	1,586
1878 . . .	226	1,839	214	10	28	1,596

The *violent deaths* for ten years are as shown in the following table, by which it may be seen that the total for the year is less than the average: —

Digitized by Google

Violent Deaths — Ten Years.

YEARS.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning and Lost at Sea.	Freezing.	Heat.	Homicide.	Suicide.	Total.
1869 . .	83	26	93	283	3	1	25	92	606
1870 . .	89	26	133	306	2	46	29	91	722
1871 . .	101	29	161	346	2	10	25	122	796
1872 . .	93	26	122	299	2	71	27	117	757
1873 . .	88	30	126	432	2	22	26	117	843
1874 . .	84	45	104	436	2	18	26	115	830
1875 . .	171	23	102	330	12	11	23	159	831
1876 . .	98	33	108	475	5	38	24	119	900
1877 . .	83	38	137	260	2	10	20	163	713
1878 . .	79	40	129	299	4	46	20	126	743
Average .	96·9	31 6	121·5	346·6	3·6	27·3	24·5	122·1	774·1

The order of fatality of the principal ten causes of death, for the year, are given in the following table, with their relative positions in the preceding six years. Consumption maintains the first place. The fatality from diphtheria begins to diminish. The steadily improving position of typhoid fever and cholera infantum is quite noticeable. Heart disease, paralysis and cancer have become somewhat more fatal in the period of six years. No less than 54·6 per cent of the total of deaths for the year were from these ten causes.

Mortality from Ten Prominent Causes, 1872–78.

CAUSES OF DEATH.	Deaths, 1878.	Order of Fatality.						
		1878.	1877.*	1876.†	1875.†	1874.‡	1873.‡	1872.‖
Consumption . . .	5,334	1	1	1	1	1	1	1
Pneumonia . . .	2,171	2	3	3	2	2	3	3
Diphtheria . . .	1,934	3	2	2	7	11	19	19
Old Age	1,596	4	5	5	4	4	4	5
Cholera Infantum . .	1,573	5	4	4	3	3	2	2
Heart Disease . . .	1,509	6	6	6	6	6	8	7
Paralysis. . . .	895	7	7	9	9	8	7	8
Cancer	807	8	10	11	12	10	10	11
Typhoid Fever . .	679	9	9	8	8	7	6	4
Dysentery . . .	602	10	12	16	15	19	13	10

* Typhoid Fever, 8. † Scarlatina, 7; Croup, 10.
‡ Scarlatina, 5; Convulsions, 9. ‖ Scarlatina, 6; Convulsions, 9.

Digitized by Google

The other prominent diseases follow in the order as below: croup, 583; infantile, etc., 578; apoplexy, 562; bronchitis, 548; convulsions, 542; tabes mesenterica, 458; tubercular meningitis, 430; scarlatina, 404; whooping-cough, 400; enteritis, 388; Bright's disease, 383; "dropsy," 370; diarrhœa, 365; measles, 305. Measles and whooping-cough occupy higher positions than usual, scarlatina much lower; the remainder do not vary far from their customary places.

The next table gives the mortality, in order, of the five causes of death which proved most destructive in the several counties during the year. The percentages of the total mortality are also given for each county, still-births, of course, excluded.

Consumption stands by far the first, except in the two island counties, where it is next to old age.

Diphtheria was more fatal only in the eastern portions of the State than last year, except that in the interior county of Hampden it occupied the same relative place as in 1877.

Except in the two islands, on the Cape, and in Bristol County near the Cape where it is fifth in order, pneumonia caused a very high fatality.

Except in the three counties containing Boston and the three great manufacturing cities, old age is prominent among the five causes.

Typhoid fever appears in only one of the counties, while scarlatina is absent from the list.

Cholera infantum appears only in Bristol, Essex, Hampden, Middlesex and Suffolk counties. The infectious diseases generally, with the exception of diphtheria, were not among the most prominent causes of death during the year.

Digitized by Google

The Most Destructive Five CAUSES OF DEATH *by Counties, 1878.*

COUNTIES.	1.	2.	3.	4.	5.
Barnstable . .	Consumption . 17·70	Diphtheria . 11·52	Old age . . 9·01	Heart disease . 7·18	Drowning . 4·84
Berkshire . . .	Consumption . 13·50	Pneumonia . 9·20	Old age . . 7·36	Diphtheria . 5·32	Heart disease . 4·80
Bristol . . .	Consumption . 15·93	Diphtheria . 6·21	Old age . . 5·42	Cholera Inf'm, 4·86	Pneumonia . 4·86
Dukes and Nantucket,	Old Age . . 17·21	Consumption . 12·56	Diphtheria . 11·16	Paralysis . 7·44	Heart disease . 6·98
Essex . . .	Consumption . 17·36	Diphtheria . 8 09	Pneumonia . 6·94	Cholera Inf'm, 5·95	Heart disease . 5·38
Franklin . . .	Consumption . 14·96	Pneumonia . 12·09	Old age . . 11·48	Heart disease . 7·79	Paralysis . 3 89
Hampden . . .	Consumption . 17·67	Diphtheria . 8·77	Pneumonia . 7·24	Cholera Inf'm, 6·30	Old age . . 4·83
Hampshire . .	Consumption . 17·84	Pneumonia . 8·38	Old age . . 7 30	Heart disease . 6·62	Paralysis* . 3 51
Middlesex . .	Consumption . 17·24	Pneumonia . 6·87	Cholera Inf'm, 6·33	Diphtheria . 5 82	Heart disease . 4·87
Norfolk . . .	Consumption . 15·83	Pneumonia . 7·09	Diphtheria . 6 94	Old age . . 5·78	Heart disease . 5·28
Plymouth . . .	Consumption . 16·77	Old Age . . 10·34	Pneumonia . 5·98	Heart disease . 4·80	Paralysis . 4·62
Suffolk . . .	Consumption . 17·81	Pneumonia . 7·13	Diphtheria . 5·29	Cholera Inf'm, 4·85	Heart disease . 4·38
Worcester . .	Consumption . 16·92	Pneumonia . 7·12	Old age . . 6·17	Diphtheria . 5·63	Heart disease . 4·89

* Typhoid Fever the same.

Digitized by Google

In the next table are given the five principal causes of death for the various ages. The diarrhœal diseases of the hot months, diphtheria, pneumonia, and obscure diseases of the brain, characterize the first period. From five to ten the infectious diseases of childhood occupy the most prominent places; pneumonia is much less prevalent, and brain diseases also. From ten to fifteen, consumption, typhoid fever and heart disease are added. From fifteen to twenty, consumption occupies the first place: typhoid fever is second from fifteen to thirty; pneumonia reaches its greatest prominence from thirty to fifty, and heart disease occupies its place from sixty to seventy: cancer is in the list only from forty to sixty; paralysis gains more and more prominence from forty upwards, and over seventy the greatest portion die of old age.

In infancy, diarrhœal diseases caused one-seventh of the total mortality; diphtheria nearly one-ninth; obscure diseases of which the prominent symptoms are referred to the central nervous system, one-tenth; and pneumonia a little over one-fifteenth.

In childhood, diphtheria and croup caused forty-four per cent of the whole number of deaths; scarlet-fever is next with a long interval, and appears in the table at this age alone; pneumonia and brain diseases, next in order, were very much less fatal than in the previous period.

From ten to fifteen, diphtheria is still at the head of the list, without the great prominence it had from five to ten; consumption, typhoid fever and heart disease appear, while brain diseases take the lowest place.

From fifteen to thirty, consumption causes over one-half of all the deaths; typhoid fever, pneumonia and heart disease follow; diphtheria falls out of the list, and child-birth appears.

From thirty to seventy, consumption occupies the first place, with constantly diminishing prominence, pneumonia and heart disease occupy the second and third places, the former dropping lower and the latter reaching higher. Childbirth is fourth from thirty to forty, followed by typhoid fever; from forty to sixty cancer is fourth and paralysis fifth; while from sixty to seventy, paralysis and apoplexy occupy those places.

Above the age of seventy, old age becomes more prominent, and stands by far first, followed by paralysis, pneumonia and heart disease; the last place being occupied by consumption among the younger, and by apoplexy with the older.

Digitized by Google

DEATHS *from most Destructive Five Causes, by Ages — 1878.*

AGES.	Total Deaths.*	1.	2.	3.	4.	5.
Under 5 .	10,858	Cholera Inf'm 1,571	Diphtheria . 1,146	Pneumonia . 785	Convulsions . 504	Cephalitis . 503
5 to 10 .	1,450	Diphtheria . 550	Scarlet Fever . 112	Croup . . 98	Pneumonia . 79	Cephalitis . 73
10 to 15 .	621	Diphtheria . 149	Consumption . 107	Typhoid Fever, 56	Heart Disease . 31	Cephalitis . 23
15 to 20 .	1,072	Consumption . 602	Typhoid Fever, 86	Pneumonia . 41	Heart Disease . 24	Diphtheria . 23
20 to 30 .	2,831	Consumption . 1,518	Typhoid Fever, 162	Pneumonia . 122	Heart Disease . 86	Childbirth . 61
30 to 40 .	2,416	Consumption . 1,054	Pneumonia . 138	Heart Disease . 110	Childbirth . 84	Typhoid Fever, 75
40 to 50 .	2,081	Consumption . 646	Pneumonia . 165	Heart Disease . 157	Cancer . . 91	Paralysis . . 57
50 to 60 .	2,172	Consumption . 441	Heart Disease . 205	Pneumonia . 164	Cancer . . 139	Paralysis . . 109
60 to 70 .	2,543	Consumption . 342	Heart Disease . 291	Pneumonia . 226	Paralysis . 188	Apoplexy . 133
70 to 80 .	2,971	Old age . . 468	Heart Disease . 333	Paralysis . 312	Pneumonia . 269	Consumption . 232
80 and over .	2,126	Old age . . 1,086	Paralysis . . 163	Pneumonia . 158	Heart Disease . 105	Apoplexy . 68
Not stated .	162					

* From Table VIII.

Digitized by Google

The NUMBER *of Deaths from several Specified Causes during the Year 1878.*

	THE YEAR 1878.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals	2	305	404	1,934	583	679	602	1,573	5,334	2,171
SEX.	Males	1	155	215	881	316	336	290	846	2,275	1,090
	Females	1	149	189	1,053	267	343	312	725	3,058	1,080
	Not stated	–	1	–	–	–	–	–	2	1	1
MONTHS.	January	–	14	36	246	74	68	7	8	465	265
	February	1	29	24	159	42	32	5	10	413	258
	March	–	33	28	159	43	59	5	14	509	273
	April	–	36	47	137	42	45	2	6	481	237
	May	1	52	29	126	38	42	13	14	477	186
	June	–	57	29	133	25	34	13	24	436	126
	July	–	54	25	112	11	30	90	493	390	86
	August	–	11	17	101	16	77	228	620	411	72
	September	–	3	19	122	28	83	152	275	411	84
	October	–	6	39	214	77	96	71	92	459	122
	November	–	5	53	193	88	67	10	13	420	193
	December	–	5	58	232	99	46	6	4	462	269
	Not stated	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Ages.										
Totals	2	305	404	1,934	583	679	602	1,573	5,334	2,171
Under 5	2	262	261	1,146	477	67	286	1,573	271	786
5 to 10	–	26	112	550	98	49	47	–	47	79
10 to 15	–	5	17	149	6	56	10	–	107	18
15 to 20	–	4	3	23	–	86	10	–	602	41
20 to 30	–	5	7	32	–	162	25	–	1,518	122
30 to 40	–	1	–	9	1	75	16	–	1,054	138
40 to 50	–	1	1	7	–	50	27	–	646	165
50 to 60	–	–	–	7	–	44	38	–	441	164
60 to 70	–	1	1	3	–	39	44	–	342	226
70 to 80	–	–	–	3	–	38	59	–	232	269
Over 80	–	–	–	1	–	11	38	–	55	158
Unknown	–	–	2	4	1	2	2	–	19	5

Digitized by Google

THE PERCENTAGE *of Deaths during the Year 1878.*

	THE YEAR 1878.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid, etc.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals	100 00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00
SEX.	Males	50·00	50·82	53·22	45·55	54·20	49 49	48·17	53·78	42·66	50·21
	Females	50·00	48 85	46·78	54·45	45·80	50·51	51·83	46·09	57·34	49·74
	Not stated	–	·33	–	–	–	–	–	·13	–	·05
MONTHS.	January	–	4·59	8·91	12 72	12·69	10 01	1·16	·51	88·72	12 20
	February	50·00	9·51	5·94	8·22	7·20	4·71	·83	·64	7·74	11·88
	March	–	10·82	6·93	8·22	7·38	8·69	·83	·89	9·54	12·58
	April	–	11 80	11·63	7·08	7·20	6·63	·33	·38	9·02	10·92
	May	50·00	17·05	7·18	6·52	6·52	6·19	2·16	·89	8·94	8·57
	June	–	18·69	7·18	6·88	4 29	5·01	2·16	1·52	8·17	5·80
	July	–	17·70	6·19	5·79	1·89	4·42	14·95	31·34	7·31	3·96
	August	–	3·61	4·21	5·22	2·75	11·34	37·88	39·41	7·71	3·32
	September	–	·98	4·70	6·31	4 80	12·22	25·25	17·49	7·71	3·87
	October	–	1·97	9·65	11 06	13·20	14·14	11·79	5 85	8·61	5·62
	November	–	1·64	13·12	9·98	15·10	9·87	1·66	·83	7·87	8 89
	December	–	1·64	14·36	12·00	16·98	6·77	1·00	·25	8·66	12·39
	Not stated	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Ages.											
Totals	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00
Under 5	100·00	85·90	64·60	59·26	81 82	9·87	47·51	100·00	5 08	36·20
5 to 10	–	8·52	27·72	28 44	16·81	7·22	7·81	–	·88	3·64
10 to 15	–	1·64	4·21	7·70	1·03	8·25	1·66	–	2 00	·83
15 to 20	–	1·31	·74	1·19	–	12·67	1·66	–	11·29	1·89
20 to 30	–	1·64	1·73	1 65	–	23·86	4.15	–	28·46	5·62
30 to 40	–	·33	–	·47	·17	11·04	2·66	–	19·76	6·36
40 to 50	–	·33	·25	·36	–	7·36	4·49	–	12·11	7·60
50 to 60	–	–	–	·36	–	6 48	6·31	–	8 27	7·55
60 to 70	–	·33	·25	·16	–	5·74	7·31	–	6 41	10·41
70 to 80	–	–	–	·16	–	5·60	9 80	–	4 35	12·39
Over 80	–	–	–	·05	–	1·62	6·31	–	1·03	7·28
Unknown	–	–	·50	·21	·17	·29	·33	–	·36	·23

Digitized by Google

The NUMBER *of Deaths from several Specified Causes during the Sixteen Years, 1863–78.*

		Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals	3,148	3,298	17,254	14,545	8,605	18,775	10,924	28,499	80,444	31,306
SEX.	Males	1,895	1,674	8,673	6,815	4,521	9,713	5,414	15,114	36,312	16,097
	Females	1,250	1,622	8,577	7,693	4,081	9,058	5,500	13,351	44,121	15,205
	Not stated	3	2	4	7	3	4	10	34	11	4
MONTHS.	January	457	188	2,004	1,533	1,042	1,254	94	124	6,808	3,705
	February	277	266	1,772	1,211	804	983	96	109	6,351	3,890
	March	267	327	1,993	1,121	852	1,098	107	151	7,367	4,344
	April	251	369	1,840	1,032	677	1,017	125	160	7,008	3,630
	May	275	431	1,687	959	554	943	137	213	7,157	2,961
	June	194	428	1,309	919	378	853	290	625	6,074	1,696
	July	178	451	1,035	871	319	1,106	1,558	7,452	6,448	1,176
	August	115	295	833	825	323	2,009	3,783	11,337	6,832	994
	September	146	117	757	1,140	515	2,681	3,045	6,093	6,716	1,248
	October	212	92	1,004	1,634	867	3,052	1,236	1,779	6,647	1,798
	November	295	141	1,354	1,673	1,119	2,198	315	326	6,439	2,577
	December	481	192	1,662	1,624	1,155	1,569	134	128	6,577	3,283
	Not stated	–	1	4	3	–	12	4	2	20	4

Digitized by Google

Totals	3,148	3,298	17,254	14,545	8,605	18,775	10,924	28,499	80,444	31,306
Ages. Under 5	1,013	2,665	11,479	7,893	7,349	1,710	5,893	28,499	4,964	11,353
5 to 10	216	289	4,218	4,130	1,132	1,209	763	–	828	921
10 to 15	102	52	858	1,145	73	1,416	227	–	1,470	356
15 to 20	267	68	299	400	11	2,666	178	–	7,317	759
20 to 30	847	105	244	412	9	4,446	393	–	22,062	1,867
30 to 40	330	36	71	249	8	2,089	406	–	15,158	2,113
40 to 50	138	32	22	111	3	1,465	422	–	10,081	2,431
50 to 60	95	12	21	67	3	1,222	539	–	7,159	2,657
60 to 70	58	13	9	67	–	1,222	687	–	6,301	3,454
70 to 80	30	14	3	34	1	900	837	–	3,920	3,503
Over 80	17	5	1	7	1	338	530	–	833	1,777
Unknown	35	7	29	30	15	92	49	–	351	115

Digitized by Google

The PERCENTAGE *of Deaths During the Sixteen Years, 1863–78.*

	SIXTEEN YEARS.	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100 00	100·00	100·00
SEX.	Males	60 20	50.76	50·27	47 06	52·54	51·73	49·56	53·03	45·15	51·42
	Females	39 71	49·18	49·71	52·89	47 43	48·25	50·35	46·85	54·84	48·57
	Not stated	·09	·06	·02	·05	·03	·02	·09	·12	·01	·01
MONTHS.	January	14·52	5·70	11·62	10·54	12·11	6·68	·86	·44	8·46	11·83
	February	8·80	8·07	10·27	8·33	9·34	5·24	·88	·38	7·90	12·42
	March	8·48	9·91	11·55	7·71	9.90	5·85	·98	·53	9·16	13.88
	April	7·97	11·19	10·66	7·09	7·87	5·42	1·14	·56	8·71	11.59
	May	8·74	13·07	9·78	6 59	6·44	5·02	1·25	·75	8·90	9.46
	June	6·16	12·98	7.59	6·32	4·39	4·54	2·66	2·19	7·55	5·42
	July	5·66	13·67	6·00	5·99	3·71	5 89	14·26	26 15	8·02	3 76
	August	3·65	8·94	4·82	5·67	3·75	10·70	34·63	39·78	8·49	3·18
	September	4·64	3·55	4·39	7·84	5·99	14·28	27·98	21·38	8 35	3·99
	October	6·73	2·79	5·82	11·23	10·08	16·25	11·31	6·24	8 26	5·74
	November	9·37	4·28	7·85	11·50	13·00	11·71	2·88	1·14	8·00	8·23
	December	15·28	5·82	9·63	11·17	13·42	8·36	1·23	·45	8·18	10·49
	Not stated	–	·03	·02	·02	–	·06	·04	·01	·02	·01

Digitized by Google

	Totals	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00
Ages.	Under 5	32·18	80·80	66·54	54·27	85·40	9.11	53·95	100·00	6·17	36·26
	5 to 10	6·86	8·76	24·45	28 39	13·16	6·44	6 98	100 00	1·03	2·94
	10 to 15	3 24	1·58	4·97	7·87	·85	7·54	2·08	–	1·83	1·14
	15 to 20	8 48	2·06	1·74	2·75	·13	14·20	1·63	–	9·10	2·43
	20 to 30	26·91	3·19	1·41	2·84	·11	23·68	3·60	–	27·42	5·96
	30 to 40	10·48	1·09	·41	1·71	·09	11·13	3·72	–	18·84	6·75
	40 to 50	4·39	·97	·13	·76	·03	7·80	3·86	–	12·53	7·76
	50 to 60	3·02	·36	·12	·46	·03	6·51	4·93	–	8·90	8·49
	60 to 70	1·84	·40	.05	·46	–	6 51	6 29	–	7·83	11·03
	70 to 80	·95	·43	·01	·23	·01	4·79	7·66	–	4 87	11·19
	Over 80	·54	·15	–	·05	·01	1·80	4·85	–	1·04	5.68
	Unknown	1·11	·21	·17	·21	·18	·49	·45	–	·44	.37

Digitized by Google

In the preceding four tables the mortality from ten prominent causes of death is given for 1878; and also for the sixteen years, 1863–78, with percentages for the various months, at the different ages, and for the two sexes. The relations of these diseases to each other, and to the other conditions just named, are shown at a glance.

For the period of sixteen years, small-pox was most fatal in the mid-winter months. Measles prevailed most in spring and early summer, dropping very suddenly from July to August, decreasing until October, and starting up in November to increase in fatality until after the schools are broken up again. The history of scarlet-fever is one of general increase from September to March, and decrease again to mid-summer. Diphtheria and croup were most fatal in the autumn and early winter, typhoid fever in the late summer and fall, diarrhœal diseases during the hot weather. The pleasantest month, June, showed the least mortality, and blustering, cold March the greatest from consumption; but otherwise there seems no special connection between the season of the year and the fatal result of a lingering disease, the end of which often depends upon some accident or simple exhaustion of the vital forces. Pneumonia increases from a low mortality in mid-summer to its highest point in March.

Digitized by Google

Apoplexy. — The rapid increase in the fatality of this and other diseases affecting the brain may be readily seen from the twenty-two years' statistics in the following table, and well expresses the strain on the mental and physical forces incident to modern life. Of the 2,792 decedents, 1,407 were males, 1,383 females, 2 of unknown sex. From apoplexy, 267 were males, 295 females; from paralysis, 432 males and 463 females; from insanity, 70 males and 82 females. It should be remembered in this connection, that the females in the population were 107·95 to 100 males by the census of 1875.

Of the 562 deaths from apoplexy, four occurred before the age of 20; 13, from 20 to 30; 19, from 30 to 40; 52, from 40 to 50; 101, from 60 to 70; and 373, or 60 per cent, above the age of sixty.

Seventy-four per cent of the decedents by paralysis were sixty years old and over.

Insanity caused 67 deaths in persons sixty years old and over; 82 deaths between the ages of 60 and 15; and none below the latter-named age. In 3 the age was unknown.

DEATHS *from Brain Disorders—Twenty-two Years.*

YEARS.	Apoplexy.	Paralysis.	Insanity.	Unspecified Diseases of the Brain.	Totals.
1857 . . .	163	331	58	600	1,152
1858 . . .	197	369	62	617	1,245
1859 . . .	207	375	59	610	1,251
1860 . . .	238	402	71	630	1,341
1861 . . .	274	417	61	764	1,516
1862 . . .	251	401	66	716	1,434
1863 . . .	268	471	62	798	1,599
1864 . . .	321	473	64	1,068	1,926
1865 . . .	263	479	75	964	1,781
1866 . . .	261	487	106	885	1,739
1867 . . .	281	469	111	806	1,667
1868 . . .	311	630	91	922	1,954
1869 . . .	331	607	87	923	1,948
1870 . . .	394	630	103	968	2,095
1871 . . .	390	714	89	998	2,191
1872 . . .	409	791	103	1,487	2,790
1873 . . .	431	858	88	1,184	2,561
1874 . . .	433	775	100	1,134	2,442
1875 . . .	460	896	118	1,142	2,616
1876 . . .	507	826	146	1,053	2,532
1877 . . .	544	873	112	1,011	2,540
1878 . . .	562	895	152	1,182	2,791

Digitized by Google

The progressive rate of increase of these diseases is well shown in the following table, giving the death-rates from those causes in the last four census years: —

	1860.	1865.	1870.	1875.
Mortality-rates per 10,000 from —				
Apoplexy	1·93	2 08	2·70	2·78
Paralysis	3·26	3·78	4·32	5·43
Insanity	·58	·59	·71	·71
Unspecified Diseases of the Brain .	5·93	7·61	6·64	6 91
Totals	11 70	14·06	14 37	15·83

Cancer. — By the table on page 56, it may be seen that there were 807 deaths from cancer in the State in 1878, or at the rate of 4.84 to each 10,000 living.

Excluding the 75 deaths from cancer of the uterus, there were 260 deaths of males, and 472 of females, or 181 of the latter to 100 of the former.

Sixty of the deaths from cancer of the uterus occurred between the ages of 30 and 60; of the others, 186 were between the ages of 50 and 60, 152 between 60 and 70, or 46·2 per cent between the ages of 50 and 70.

Cholera Infantum caused a smaller number of deaths in 1878 than in any other year since 1869, and a smaller proportion of the total mortality than even in that year. The death-rate from it was 4·17 per 10,000 of the population less than the average for the ten years, and was less in 1878 than in any other of those years, as may be seen by the next table: —

Mortality from Cholera Infantum. — Ten Years.

YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of population.	YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of population.
1869 . .	1,424	10·05	1875 . .	2,606	15·77
1870 . .	1,914	13·14	1876 . .	2,087	12 63
1871 . .	1,718	11·50	1877 . .	1,927	11·63
1872 . .	3,254	21·24	1878 . .	1,573	9·44
1873 . .	2,553	16·25			
1874 . .	2,322	14 41	Average .	–	13 61

Digitized by Google

Of the 1,573 deaths, 846 were of males, 725 of females, 2 unknown.

Four deaths occurred in December, 6 in April, 8 in January, 10 in February, 13 in November, 14 in March and in May, 24 in June, 92 in October, 275 in September, 493 in July, and 618 in August (2 unknown). In August the mortality was 39·3 per cent of the whole number; in September, July, and August, 88·1 per cent, or the same as for the previous two years.

The counties, in order of the least mortality, were grouped as follows: the two islands, constituting Dukes and Nantucket, Barnstable (Cape), Franklin, Berkshire, Plymouth, Hampshire, Norfolk, Worcester, Bristol, Suffolk (containing the only great city, Boston), Hampden, Essex, Middlesex. In a general way, the fatality increased as the population is more concentrated; the prominent exception in favor of Suffolk county showing the superior sanitary condition of Boston, its chief city. The extreme rates in Middlesex and the island counties were as 4·36 to 1.

In the sixteen cities of 15,000 inhabitants and over, and containing less than half the population of the State, 62·7 per cent of the deaths from cholera infantum occurred.

In the six cities containing over 35,000 inhabitants, the order of mortality from cholera infantum was as follows; beginning with the least: Worcester, Boston, Cambridge, and then the three manufacturing centres of Fall River (near the coast), Lowell, and Lawrence (inland). The extremes of the death-rates were as nearly two and one-half to one. In Lawrence it was more than twice as great as in Boston. The six cities contain thirty-five per cent of the population of the State, and reported, in 1878, forty-nine per cent of the deaths from cholera infantum.

Consumption in 1878 caused 5,334 deaths, — 17·52 per cent of the total mortality from specified causes, and at the rate of 3·20 to every 1,000 people living. This is much less than obtained in any of the preceding twenty-five years, and compares with the averages of the death-rates for the five quinquennial periods in order ending with 1877, as follows: 4·13, 3·71, 3·60, 3·39, 3·36, — a progressive decrease to 3·20 in 1878.

In 1878 an unusually small proportion of the deaths were in the third quarter, partially explained possibly by the moderate weather of that season last year.

Digitized by Google

In the decennial period ending with 1877, there were 52,083 deaths from consumption (excluding 4 in which the month of death was not reported). Of these 13,222 were in the first quarter of the year, 13,134 in the third, 12,961 in the second, and 12,766 in the last. The months were, in order: March, 4,740; May, 4,602; April, 4,527; August, 4,498; January, 4,399; September, 4,340; October, 4,321; July, 4,296; December, 4,279; November, 4,166; February, 4,083; June, 3,832.

The deaths by months and quarters in 1878 were as follows:—

Mortality from Consumption by Months and Quarters — 1878.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months . .	465	413	509	481	477	436	390	411	411	459	420	462
Quarters . .	1,387			1,394			1,212			1,341		
Percentages .	26·00			26·16			22·70			25 14		

The greater liability to consumption of the female sex, as compared with males, at nearly all periods of life, and the prevalence of the disease according to the various times of life, showing its greatest fatality between the ages of 20 and 30, are conspicuously brought out in the next table. The percentage of males to females was 42·65 to 57·33 (·02 unknown).

Mortality from Consumption by Sex and Age — 1878.

AGES.	Total Deaths, 1878.	Deaths from Consumption.	Percentages at several Ages.	Males.*	Females.
Under 15 . . .	12,929	425	7·96	179	245
15 to 20 . . .	1,072	602	11·29	184	418
20 to 30 . . .	2,831	1,518	28·46	613	905
30 to 40 . . .	2,416	1,054	19·76	471	583
40 to 50 . . .	2,081	646	12·11	313	333
50 to 60 . . .	2,172	441	8 27	214	227
60 to 70 . . .	2,543	342	6·41	182	160
70 to 80 . . .	2,971	232	4·35	96	136
80 and over . . .	2,126	55	1·03	15	40
Age not stated . .	162	19	·36	8	11
Totals . .	31,303	5,334	100.	2,275	3,058

* 1 unknown sex.

Digitized by Google

In the next table, the percentages are calculated from the total mortality, excluding still-births; those deaths reported "unknown" being so largely of infants, with whom consumption does not prevail, that there would probably be only a slight error in including them here.

DEATHS *from Consumption, by Counties.—1878.*

COUNTIES.	Deaths.	Percentage of total mortality.	COUNTIES.	Deaths.	Percentage of total mortality.
Barnstable . .	106	17 70	Hampshire .	132	17 84
Berkshire . .	132	13·50	Middlesex . .	948	17·24
Bristol . .	423	15 93	Norfolk . .	219	15·83
Dukes and Nantucket . .	27	12·56	Plymouth . .	185	16·77
Essex . . .	761	17·36	Suffolk . .	1,436	17·81
Franklin . .	73	14·96	Worcester . .	592	16·92
Hampden . .	300	17·67	The State .	5,334	17·52

Diphtheria appeared in our registration returns in 1858 for the first time. There are many good reasons for considering it another form of the disease which has been known as membranous croup, although the evidence on that point is not yet regarded as conclusive. It certainly is not always possible to discriminate between them, if they are not the same disease. "Croup" is more or less prevalent every year, and apparently is not often, if ever, caused by the insanitary conditions which appear to be sufficient to produce "diphtheria;" nor has "croup" ever appeared in the malignant form that characterized the epidemics of "diphtheria" in 1735, early in the present century, in 1863 and 1864, and again from 1875 to the present time. Still there is strong reason to believe that the two diseases are intercommunicable by means of the same infection; and those persons who maintain their identity say with good reason, that the most malignant and mildest forms differ no more than the extremes of scarlet-fever cases.

At all events, while leaving the question open for the present, it will be convenient to study the statistics of diphtheria and croup in one table; for, not being always distinguishable at the bedside as two diseases, it is not possible to wholly separate them in the mortality reports.

Digitized by Google

Mortality from Diphtheria and Croup.— Twenty-five Years.

YEARS.	Deaths.			Percentage of Deaths from all Causes.			Deaths to every 10,000 Living.		
	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.
1854	460	–	–	2·22	–	–	4·2	–	–
1855	509	–	–	2·43	–	–	4·5	–	–
1856	519	–	–	2·46	–	–	4·5	–	–
1857	518	–	–	2·41	–	–	4·4	–	–
1858	497	18	515	2 36	·09	2·45	4 2	·1	4·3
1859	528	32	560	2 48	·14	2·62	4 4	·2	4·6
1860	579	258	837	2·46	1·10	3·56	4·7	2·1	6·8
1861	461	643	1,104	1·89	2·64	4 53	3 7	5·2	8 9
1862	484	663	1,147	2·08	2·85	4·93	3·9	5 3	9 2
1863	864	1,420	2,284	3·09	5·08	8·17	6·9	11·3	18·2
1864	768	1,231	1,999	2·66	4·27	6·93	6·1	9 8	15·9
1865	504	672	1,176	1·91	2·56	4·47	4·0	5 3	9·3
1866	431	399	830	1·79	1·65	3 44	3·3	3·1	6 4
1867	356	251	607	1·53	1·07	2·60	2·6	1·9	4 5
1868	485	297	782	1·92	1·18	3·10	3·5	2·2	5·7
1869	473	296	769	1·84	1·15	2·99	3·3	2·1	5·4
1870	434	242	676	1 61	·89	2·50	2·9	1·7	4·6
1871	473	274	747	1·69	·97	2·66	3·2	1·8	5·0
1872	480	273	753	1·38	·78	2·16	3·1	1·8	4·9
1873	435	310	745	1·28	·92	2·20	2·8	1·9	4·7
1874	411	502	913	1·28	1·56	2·84	3·5	3·1	5 6
1875	680	1,200	1,880	1·92	3 39	5·31	4·1	7·3	11·4
1876	684	2,610	3,294	2·13	8·11	10·24	4·1	15·8	19 9
1877	544	2,634	3,178	1·78	8·65	10·43	3·3	15·8	19·1
1878	583	1,934	2,517	1·91	6·35	8·26	3·4	11·6	15·0

Digitized by Google

The epidemic of the past five years has been characterized by a degree of malignancy and infectiousness which do not belong to "membraneous croup," and these two features have usually found expression in the term *diphtheria*, so that it will be profitable to study it by itself for this epidemic period, whether it is a separate disease or not. Its appearance in the several counties is shown in the following table:—

Mortality from Diphtheria by Counties, 1873 to 1878.

COUNTIES.	DEATHS FROM DIPHTHERIA.					
	1873.	1874.	1875.	1876.	1877.	1878.
Barnstable	4	1	24	14	22	69
Berkshire	33	114	110	110	131	52
Bristol	23	50	43	104	180	165
Dukes and Nantucket	–	–	–	–	33	24
Essex	40	32	96	503	645	355
Franklin	14	69	74	24	7	10
Hampden	17	32	93	113	132	149
Hampshire	6	14	27	74	37	25
Middlesex	49	75	173	576	514	320
Norfolk	16	9	30	132	164	96
Plymouth	14	12	29	135	82	45
Suffolk	66	62	431	667	380	427
Worcester	28	32	70	208	307	197
The State	310	502	1,200	2,610	2,634	1,934

Barnstable and Hampden counties alone show higher rates of mortality than in previous years. In all the others, with the exception possibly of Suffolk, it is probable that the epidemic has reached its highest point, and is on the decline. In some portions of the State where the local sanitary conditions are bad, diphtheria has apparently become domiciled, and may be expected to prevail to a greater or less extent for some years.

In 1878, the mortality from diphtheria was greatest in the last quarter of the year, gradually diminishing to the third, or warmest, as was also the case in 1877.

Digitized by Google

MORTALITY *from Diphtheria, by Months and Quarters.—1878.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months . .	246	159	159	137	126	133	112	101	122	214	193	232
Quarters . .	564			396			335			639		
Percentages .	29·17			20·48			17·32			33·03		

Fifty-nine per cent of the deaths were of children under five years of age; twenty-eight per cent between the ages of five and ten; eighty-seven per cent of the deaths were of children under ten.

Dysentery was the recorded cause of 602 deaths in 1878, as compared with 580 in 1877, and 417 in 1876; or at the rate of 3·6 to each 10,000 living, and nearly two per cent of the total deaths from all causes (specified). There were 228 deaths in August, 152 in September, 90 in July, and 76 in October,—in all 546, or ninety per cent of all the deaths for the year from that cause.

Of children under five years of age, 258 died of it; 59 from 70 to 80; 47 from 5 to 10; 44 from 60 to 70; 38 over 80; 38 from 50 to 60; 27 from 40 to 50; 27 from 20 to 30.

The prevalence by counties, as shown in the next table, varies somewhat from year to year.

MORTALITY FROM DYSENTERY *by Counties.*

COUNTIES.	Death-rate per 10,000 from Dysentery, 1875.	DEATHS FROM DYSENTERY.			
		1875.	1876.	1877.	1878.
Barnstable	2·80	9	11	7	5
Berkshire	2 64	18	13	21	10
Bristol	3·51	46	37	20	73
Dukes and Nantucket . . .	1·38	1	1	–	2
Essex	1·48	33	47	65	47
Franklin	4·75	16	7	12	2
Hampden	1·49	14	10	10	8
Hampshire	3·35	15	7	13	9
Middlesex	2·82	80	69	142	158
Norfolk	2·72	24	14	38	23
Plymouth	5·48	38	26	18	16
Suffolk	2·52	92	98	159	221
Worcester	2·42	51	77	75	28
The State	2·65	437	417	580	602

Digitized by Google

Measles became quite prevalent again in 1878. Of the 305 deaths, 262 were of children under five years of age.

There were 57 deaths in June; 54 in July; 52 in May; 36 in April; 33 in March; 29 in February; 14 in January. It is a curious fact, that, a month after the closure of the schools, the mortality dropped suddenly to 11 and then 3 per month from 54.

Mortality from Measles — 1859–78.

YEARS.	Deaths from Measles.	Deaths from Measles to Deaths from all Causes.	Death-rate per 10,000 living.
1859	110	·52	·9
1860	224	·95	1·8
1861	209	·86	1·7
1862	369	1 59	2·9
1863	142	·51	1·1
1864	320	1·12	2·5
1865	136	·52	1·1
1866	109	·46	·8
1867	194	·85	1·5
1868	287	1·12	2·1
1869	222	·85	1·6
1870	269	·98	1·8
1871	131	·47	·9
1872	428	1·22	2·8
1873	180	·53	1·1
1874	661	·50	1·0
1875	233	·67	1·4
1876	47	·14	·3
1877	135	·44	·8
1878	305	1·00	1·8

Pneumonia was more fatal in 1878, causing 2,171 deaths, than in 1877; but less so than in any of the five years antecedent. As compared with the previous nineteen years, the mortality was exceeded in only seven years.

Digitized by Google

Mortality from Pneumonia. — Twenty Years.

YEARS.	Deaths from Pneumonia.	Deaths to 10,000 living.	YEARS.	Deaths from Pneumonia.	Deaths to 10,000 living.
1859 . . .	1,167	9·6	1869 . . .	1,736	12·2
1860 . . .	1,333	10·8	1870 . . .	1,718	11·9
1861 . . .	1,285	10·3	1871 . . .	1,858	12·4
1862 . . .	1,140	9·2	1872 . . .	2,295	14·9
1863 . . .	1,724	13·8	1873 . . .	2,097	13·3
1864 . . .	1,801	14·0	1874 . . .	2,386	14·8
1865 . . .	1,493	11·8	1875 . . .	2,940	17·8
1866 . . .	1,639	12·5	1876 . . .	2,447	14·7
1867 . . .	1,378	10·3	1877 . . .	1,972	11·8
1868 . . .	1,651	11·9	1878 . . .	2,171	13·0

By far the greatest mortality from pneumonia falls on children under five years of age, and in quite old persons.

Mortality from Pneumonia by Ages — 1878.

AGES.	Deaths from Pneumonia.	Percentages.
Under 5	786	36·2
5 to 10	79	3·6
10 to 20	59	2·7
20 to 30	122	5·6
30 to 40	138	6·4
40 to 50	165	7·6
50 to 60	164	7·6
60 to 70	226	10·4
70 to 80	269	12·4
Over 80	158	7·3
Age not stated	5	·2
All ages	2,171	100·00

The fatality by seasons, as usual, shows the greatest prevalence in the first quarter of the year, the least in the third.

Only ten more deaths were reported of males than of females for the year.

Digitized by Google

Mortality from Pneumonia by Months and Quarters — 1878.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months . .	265	258	273	237	186	126	86	72	84	122	193	269
Quarters . .	796			549			242			584		
Percentages .	36·6			25 3			11 2			26·9		

Scarlatina was less fatal in 1878 than in any other of the last twenty years. It did not seriously diminish, as in some other States, coincident with the wide-spread prevalence of diphtheria.

Of the 404 deaths, 261 were of children under five years of age; 112 between 5 and 10; 17 between 10 and 15; 10 between 15 and 30.

Of the two sexes, the male suffered more (215 to 189).

Mortality from Scarlet Fever, Twenty Years.

YEARS.	Deaths from Scarlatina.	Percentage of Deaths from Scarlatina to Deaths from all Causes.	Death-rates per 10,000 living.
1859	1,038	4·88	8·6
1860	916	3·92	7·4
1861	1,137	4·66	9·2
1862	1,261	5·42	10·1
1863	1,399	5·01	11·1
1864	1,503	5·21	11·9
1865	807	3·06	6 4
1866	385	1 58	2·9
1867	828	3·63	6·2
1868	1,369	5·35	9·1
1869	1,405	5·39	9 9
1870	683	2·49	4·7
1871	867	3·10	5·8
1872	1,377	3·93	8·9
1873	1,472	4·34	9·4
1874	1,382	4·33	8·6
1875	1,684	4·81	10·2
1876	1,222	3 79	7·4
1877	467	1·53	2·8
1878	404	1·33	2 4

Digitized by Google

Fifty-eight of the deaths occurred in December, 53 in November, 47 in April, 39 in October, 36 in January, 29 in May and in June, 28 in March, 25 in July, 24 in February, 19 in September, 17 in August.

Eighty of the deaths were in Bristol County, 75 in Suffolk, 72 in Middlesex, 64 in Essex, 46 in Worcester, 25 in Hampden, 16 in Berkshire, 9 in Norfolk, 7 in Plymouth, 4 in Hampshire, 3 in Barnstable and in Franklin, none in the islands.

Small-pox caused only two deaths, both of children under five years of age, one in February and the other in May, in Chelsea and in Haverhill.

Mortality from Smallpox — 1851–78.

YEARS.	Deaths from Smallpox.	Percentage of Deaths from Smallpox to Deaths from all Causes.	Death-rate per 10,000 living.
1851	117	·64	1·2
1852	33	·18	·3
1853	38	·19	·4
1854	207	·98	1·9
1855	328	1·47	2·9
1856	140	·68	1·2
1857	23	·11	·2
1858	12	·10	·1
1859	255	1·22	2·1
1860	334	1·45	2·7
1861	33	·14	·3
1862	40	·17	·3
1863	42	·15	·3
1864	242	·84	1·9
1865	221	·84	1·7
1866	141	·59	1·1
1867	196	·82	1·5
1868	20	·08	·2
1869	59	·22	·4
1870	131	·48	·9
1871	294	1·05	1·9
1872	1,029	2 94	6·7
1873	668	1·97	4·3
1874	26	·08	·2
1875	34	·09	·2
1876	31	·09	·2
1877	24	·08	·15
1878	2	·007	·012

Digitized by Google

Typhoid-fever caused fewer deaths than in any other of the twenty-two years. The progressive decrease in its mortality from 1,703 deaths in 1872, to 679 in 1878, is a good indication of the beginning in sanitary work that has been done in the State, in securing purer drinking water and cleaner air.

Seven more deaths were recorded of males than of females.

Ninety-six of the deaths were in October, 83 in September, 77 in August, 68 in January, 67 in November, 59 in March, 46 in December, 45 in April, 42 in May, 34 in June, 32 in February, 30 in July.

One hundred and sixty-two of the decedents were between the ages of twenty and thirty years of age; 86 between 15 and 20; 75 between 30 and 40; 67 under 5; 49 between 5 and 10; 56 between 10 and 15; 50 between 40 and 50; 44 between 50 and 60; 39 between 60 and 70; 38 between 70 and 80; 11 over 80, and two unknown.

MORTALITY *from Typhoid Fever.—1857–78.*

YEARS.	Deaths from Typhoid Fever.	Percentage of Deaths from Typhoid Fever to Deaths from all Causes.	Deaths to each 10,000 living.
1857	1,010	4·69	8·6
1858	901	4·27	7·6
1859	932	4·38	7·7
1860	937	3 97	7·6
1861	989	4·06	7·9
1862	1,135	4·88	9·1
1863	1,442	5·16	11·5
1864	1,344	4·66	10·7
1865	1,694	6·43	13·4
1866	1,091	4·53	8·4
1867	965	4·24	7·2
1868	896	3·49	6·5
1869	1,205	4·62	8·5
1870	1,333	4·88	9·1
1871	1,116	3·99	7·5
1872	1,703	4·86	11.1
1873	1,406	4·15	8·9
1874	1,147	3 56	7·1
1875	1,059	3·06	6·4
1876	881	2·74	5·3
1877	814	2·67	4·9
1878	679	2·23	4·1

Digitized by Google

Deaths from Typhoid Fever by Counties, 1869–78.

COUNTIES.	Population, 1875.	Deaths from Typhoid Fever.									
		1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Barnstable	32,144	46	42	38	32	32	20	18	21	22	13
Berkshire	68,270	66	52	58	77	80	66	52	45	63	42
Bristol	131,087	70	82	78	143	130	94	71	71	69	56
Dukes and Nantucket	7,272	5	18	9	11	4	10	9	9	2	4
Essex	223,342	152	189	130	222	141	122	120	100	102	113
Franklin	33,696	55	48	49	38	46	28	30	24	21	12
Hampden	94,304	114	121	99	185	171	112	92	92	56	50
Hampshire	44,821	67	46	41	62	60	58	49	21	29	26
Middlesex	284,112	192	189	166	255	186	184	145	131	108	91
Norfolk	88,321	67	53	43	76	53	46	52	37	30	27
Plymouth	69,362	42	51	50	62	71	55	42	35	25	22
Suffolk	364,886	161	208	200	278	283	235	239	162	167	117
Worcester	210,295	168	234	155	262	149	117	140	133	120	106
The State	1,651,912	1,205	1,333	1,116	1,703	1,406	1,147	1,059	881	814	679

Digitized by Google

The mortality-table by counties shows a striking diminution from typhoid fever in all except Dukes and Nantucket. In the ten years,* the counties are in order as follows, beginning with that of greatest fatality: Franklin, Hampden, Dukes and Nantucket, Hampshire, Barnstable, Berkshire, Worcester, Bristol, Plymouth, Essex, Middlesex, Norfolk, Suffolk. It is most prevalent in the rural districts. The statistics are given in the table on the preceding page.

From the following table, showing the prevalence of typhoid fever and the rainfall for twelve years, it cannot be said that there was any constant relation between the two. For the previous thirty years, the average annual rainfall at Amherst was 44·21; the greatest, 56·183 in 1863, with a typhoid-rate of 11·5; the least, 34·433 in 1864, with a typhoid-rate of 10·7.

RELATION OF RAINFALL to Typhoid Fever — *1867–78.*

YEAR.	RAINFALL IN INCHES AT AMHERST.					Deaths from Typhoid Fever to each 10,000 Living.
	July.	August.	September.	During the Quarter.	During the Year.	
1867 . .	4·000	9·161	1·107	14·268	46·087	7·2
1868 . .	3·284	5·665	10·633	19 582	48·590	6·5
1869 . .	2·978	1·037	4·318	8 333	53·466	8·5
1870 . .	2·526	2 828	1·752	7·106	39 700	9·1
1871 . .	3·523	6 453	1·302	11·278	45·874	7·5
1872 . .	7·066	5·280	6·197	18·543	44·182	11·1
1873 . .	2·927	3·468	4·765	11·160	41·937	8·9
1874 . .	11·579	2·689	1·818	16 086	47 940	7·1
1875 . .	8·149	6·165	4·649	18 963	46·977	6·4
1876 . .	4·836	0·272	3·705	8·813	41·499	5·3
1877 . .	6·470	2·790	0·912	10·172	42·417	4·9
1878 . .	2·163	6·974	2·821	11·958	49·392	4·1

Whooping-cough caused 400 deaths, as compared with 369, 192, 242, 449, 264, 363, 243, 330, 320, and 247 in the previous ten years, beginning in order with 1877.

Three hundred and eighty of the deaths were of children under five years of age.

There were 189 males and 211 females.

Fifty-six of the deaths were in August, 43 in September, 39 in July, 38 in March, 36 in January, 34 in November, 32 in May, 29 in April, 26 in December, 25 in February, 23 in October, 19 in June.

* Estimate based upon the population of 1875.

Digitized by Google

METEOROLOGY.

The barometric means and ranges for the several months in 1878, as recorded by the United States Signal Service Bureau in Boston, were as follows: —

MONTHS.	Means.	Ranges.
January	30·002	1·677
February	29·926	·844
March	29·916	1·534
April	29·835	1·147
May	29·899	·821
June	29·917	·837
July	29·923	·802
August	29·905	·738
September	30·162	·767
October	30·002	·909
November	29·914	1·598
December	29·924	1·543
Annual mean	29 944	1 105

The readings of the thermometer were as follows: —

MONTHS.	Means.	Maxima.	Minima.	Ranges.
January	28·3	54	—6	60
February	31·0	56	4	52
March	39·5	71	10	61
April	47·2	77	34	43
May	55·3	85	38	47
June	64·2	92	45	47
July	72·7	98	54	44
August	68·1	87	53	34
September	62·9	91	40	51
October	55·3	79.5	33	46.5
November	39·9	61	22.5	38.5
December	29·6	59	10.5	48.5
Annual mean	49·5			

Digitized by Google

The mean humidity, direction of wind and wind-velocity were as follows: —

MONTHS.	Mean Humidity.	Direction of Wind.	Wind, Velocity.
January	66·6	N.W.	9,152
February	68·2	N.W.	7,782
March	63·7	W.	9,599
April	78·	E.	6,439
May	63·9	N.W.	7,123
June	66·	S.W.	6,579
July	66·4	W.	7,027
August	73·7	W.	5,514
September	75·3	S.W.	6,472
October	68·1	S.W.	7,736
November	68 9	W.	8,619
December	69 6	W.	9,533
Annual Mean	69·	W.	7,630

The rainfall was as follows: —

MONTHS.	Inches of Rainfall.	Days of Rain or Snow.
January	7·60	17
February	4·40	13
March	5·91	16
April	6·14	21
May	1·03	17
June	2·28	14
July	4 58	13
August	7·66	17
September	3·47	15
October	6·76	13
November	8 94	17
December	6·76	16
The Year	65·53	189

In January the barometric mean was slightly below the normal; the temperature was above; the humidity, below; the wind-velocity, above; rainy days and rain-fall in excess. There was very little snow on the ground during the month, but a heavy fall of five inches on one of the days toward the last.

February had a mean barometric pressure and range; humidity and fair days below the normal. The temperature, wind-

Digitized by Google

velocity, clear days, and days on which rain or snow fell, were above the normal. The snow was heavy, and the month a very pleasant one.

In March the barometer's mean was slightly below the normal, while the range was above it. The mean temperature, as well as its maximum, range and daily range, were above. Humidity and rainfall below; clear and cloudy days were above the normal. There were severe north-easterly gales, and one unusually severe from the west.

April was marked by a low barometric pressure, high temperature, small daily range of temperature, high humidity, excessive cloudiness, and excess of rainy weather and rainfall.

In May the barometric pressure was low, with normal temperature, low humidity, normal air-movement, small rainfall, and a great number of days on which rain or snow fell. There were no auroras.

In June the atmospheric pressure and temperature were low; the wind-velocity was high; fair weather prevailed, and there was a slight rainfall.

July began with a few very warm days; and there were also a few in the middle of the month. The distribution of temperature was uneven; more than half the rain fell on two days.

August was cooler than usual, with low readings of the barometer, high humidity, low wind-velocity, and only a very few cloudy days. There were heavy thunder-storms in the fore-part of the month.

In September the barometer showed an extraordinarily high mean. The first part of the month was cloudy, foggy and rainy, the latter part very fine.

October was marked by the smallest range of temperature ever recorded by the service in that month. The atmospheric pressure was normal, as was the humidity. The rainfall was above the normal.

In November the pressure indicated by the barometer was low, with a large range. The temperature was high with a small range; the rainfall and cloudy weather were in excess, with severe gales during the middle and latter parts of the month.

December was noted for severe south-easterly gales, short and heavy rains, absence of snow, and excessive rainfall. The weather was open to an unusual degree.

Digitized by Google

(TABLES)

XXXVIIth

ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

REGISTERED IN

MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1878.

Digitized by Google

TABLE I.—POPULATION, [1875.]—BIRTHS,

General Abstract, exhibiting, in Connection with the Population accord-registered in each County and Town in Massachusetts during the Born, the Nativity of Persons Married, and the Sex and Aggregate

THE STATE AND COUNTIES.	Population. State Census, 1875.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	U.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	U.
MASSACHUSETTS.	1,651,912	41,238	21199	20022	17	16970	17105	2,637	3,680	846
BARNSTABLE	32,144	578	294	284	–	454	77	24	19	4
BERKSHIRE.	68,270	1,508	727	779	2	784	462	88	156	18
BRISTOL .	131,087	3,171	1,595	1,575	1	1,287	1,473	185	200	26
DUKES .	4,071	54	36	18	–	48	3	1	2	–
ESSEX .	223,342	5,369	2,758	2,610	1	2,560	1,991	374	401	43
FRANKLIN .	33,696	617	309	305	3	393	148	20	46	10
HAMPDEN .	94,304	2,273	1,147	1,125	1	848	1,032	167	200	26
HAMPSHIRE	44,821	894	461	433	–	428	347	43	65	11
MIDDLESEX	284,112	7,264	3,799	3,464	1	2,902	3,115	491	684	72
NANTUCKET	3,201	69	30	39	–	60	3	2	3	1
NORFOLK .	88,321	2,039	1,041	997	1	1,004	681	116	220	18
PLYMOUTH .	69,362	1,338	730	604	4	954	254	47	67	16
SUFFOLK .	364,886	10,715	5,477	5,237	1	3,135	5,075	813	1,132	560
WORCESTER	210,295	5,349	2,795	2,552	2	2,113	2,444	266	485	41

Digitized by Google

MARRIAGES, AND DEATHS, 1878.

ing to the State Census of 1875, the Births, Marriages, and Deaths, year 1878, — distinguishing the Sex and the Parentage of Children and Average Ages of the Number who Died.

MARRIAGES.						DEATHS.						
Couples.	NATIVITY.					Persons.	SEX.			No. whose ages are registered.	AGE.	
	Am.	For.	Am. M. and For. Fe.	For. M. and Am. Fe.	U.		M.	F.	U.		Agg'te.	Av'ge.
12893	7,913	2,775	1,075	1,114	16	31303	15284	15986	33	31106	983,610	31·62
247	218	11	7	11	–	599	307	291	1	589	24,593	41·75
466	315	78	27	45	1	978	449	525	4	965	34,563	35·82
1,008	550	333	66	58	1	2,655	1,285	1,367	3	2,636	80,776	30·64
29	25	2	–	2	–	88	46	41	1	85	4,252	50·02
1,814	1,198	321	164	130	1	4,383	2,127	2,253	3	4,338	135,199	31·17
246	203	19	8	15	1	488	239	247	2	478	21,480	44·94
751	460	172	62	55	2	1,698	856	838	4	1,691	47,404	28·03
337	243	53	24	17	–	740	357	382	1	737	28,749	39·01
2,147	1,299	466	195	180	7	5,499	2,678	2,818	3	5,455	167,210	30·65
18	17	–	1	–	–	127	64	63	–	126	5,813	46·13
618	427	99	32	60	–	1,383	706	676	1	1,378	50,960	36 98
510	426	36	23	24	1	1,103	559	541	3	1,094	46,785	42·77
3,065	1,445	910	360	350	–	8,064	3,910	4,151	3	8,058	217,925	27·04
1,637	1,087	275	106	167	2	3,498	1,701	1,793	4	3,476	117,901	33·92

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa and For. M.	Parentage. For. Fa. and Am. M.	Parentage. Unk.
BARNSTABLE .	32,144	578	294	284	–	454	77	24	19	4
Barnstable . .	4,302	50	21	29	–	45	2	–	1	2
Brewster . .	1,219	12	6	6	–	12	–	–	–	–
Chatham . .	2,274	38	22	16	–	36	–	1	–	1
Dennis . .	3,369	73	40	33	–	71	–	2	–	–
Eastham . .	639	11	2	9	–	10	–	–	1	–
Falmouth . .	2,211	38	18	20	–	33	5	–	–	–
Harwich . .	3,355	71	42	29	–	66	3	1	1	–
Mashpee . .	278	7	3	4	–	7	–	–	–	–
Orleans . .	1,373	18	9	9	–	16	–	1	1	–
Provincetown .	4,357	111	61	50	–	35	53	12	11	–
Sandwich . .	3,417	67	33	34	–	59	6	1	1	–
Truro . .	1,098	30	9	21	–	19	7	3	1	–
Wellfleet . .	1,988	28	13	15	–	25	1	2	–	–
Yarmouth . .	2,264	24	15	9	–	20	–	1	2	1
BERKSHIRE .	68,270	1,508	727	779	2	784	462	88	156	18
Adams . .	15,760	175*	92	83	–	94	49	16	15	1
Alford . .	389	6	2	4	–	4	1	–	–	1
Becket . .	1,329	27	14	13	–	19	5	1	2	–
Cheshire . .	1,693	31	20	11	–	13	14	2	2	–
Clarksburg .	670	16	8	8	–	8	5	1	2	–
Dalton . .	1,759	63	27	36	–	30	20	2	10	1
Egremont . .	890	8	5	3	–	7	–	–	1	–
Florida . .	572	10	7	2	1	7	2	–	–	1
Gt. Barrington .	4,385	103	61	42	–	61	28	8	6	–
Hancock . .	730	12	5	7	–	9	2	–	1	–
Hinsdale . .	1,571	45	24	21	–	17	21	3	4	–
Lanesborough .	1,357	24	12	12	–	10	11	–	3	–
Lee . . .	3,900	87	46	41	–	45	21	3	17	1
Lenox . .	1,845	65	25	40	–	31	27	2	4	1
Monterey . .	703	12	4	8	–	11	–	–	1	–
Mt. Washington,	182	3	2	1	–	3	–	–	–	–
New Ashford .	160	2	–	2	–	2	–	–	–	–
New Marlboro' .	2,037	41	15	26	–	22	16	–	3	–
North Adams † .	–	166	72	94	–	83	49	13	15	6
Otis . . .	855	7	3	4	–	6	1	–	–	–
Peru . . .	443	7	4	3	–	4	2	–	1	–
Pittsfield . .	12,267	310	142	168	–	111	124	22	52	1
Richmond . .	1,141	23	13	10	–	9	10	2	2	–
Sandisfield . .	1,172	20	9	11	–	17	1	–	–	2
Savoy . .	730	12	6	6	–	10	1	–	–	1
Sheffield . .	2,233	36	22	14	–	34	1	1	–	–
Stockbridge .	2,089	40	15	24	1	27	5	4	2	2
Tyringham .	517	11	4	7	–	11	–	–	–	–
Washington .	603	9	4	5	–	6	2	–	1	–
W. Stockbridge .	1,981	40	18	22	–	13	20	4	3	–
Williamstown .	3,683	81	41	40	–	44	24	4	9	–
Windsor . .	624	16	5	11	–	16	–	–	–	–

* Including North Adams until April 16, 1878.

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and For. Fe	For. M. and Am. Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
247	218	11	7	11	–	599	307	291	1	589	24,593	41·75
29	28	–	1	–	–	78	34	44	–	78	3,698	47·41
7	6	–	–	1	–	20	7	13	–	20	1,043	52·15
21	18	–	–	3	–	50	23	27	–	50	1,913	38·26
30	30	–	–	–	–	62	28	34	–	62	2,153	34·72
5	5	–	–	–	–	12	8	4	–	12	726	60·50
21	18	1	1	1	–	49	22	27	–	48	2,684	55·92
36	35	–	–	1	–	57	31	25	1	57	1,557	27·31
2	2	–	–	–	–	6	4	2	–	6	335	55·83
10	10	–	–	–	–	46	26	20	–	43	1,625	37·79
29	12	10	3	4	–	69	45	24	–	63	1,898	30·13
30	28	–	1	1	–	64	38	26	–	64	3,299	51·55
2	2	–	–	–	–	21	11	10	–	21	872	41·52
15	15	–	–	–	–	30	14	16	–	30	1,228	40·93
10	9	–	1	–	–	35	16	19	–	35	1,562	44·63
466	315	78	27	45	1	978	449	525	4	965	34,563	35·82
66*	30	20	6	10	–	119*	44	75	–	119	3,897	32·75
5	4	–	–	–	1	3	–	3	–	3	208	69·33
3	2	1	–	–	–	20	11	8	1	19	862	45·37
3	2	–	–	1	–	24	14	10	–	24	735	30·63
4	4	–	–	–	–	12	5	7	–	9	221	24·56
11	6	2	1	2	–	32	16	15	1	32	130	40·63
4	3	1	–	–	–	17	7	10	–	16	916	57·25
1	1	–	–	–	–	4	2	2	–	4	177	44·25
34	29	3	1	1	–	55	21	34	–	55	1,996	36·29
3	3	–	–	–	–	7	2	5	–	7	316	45·14
18	13	3	–	2	–	23	13	10	–	23	716	31·13
11	7	2	–	2	–	21	6	15	–	21	931	44·33
36	28	6	1	1	–	64	23	41	–	64	2,473	38·64
4	4	–	–	–	–	25	11	14	–	25	1,080	43·20
2	2	–	–	–	–	5	3	2	–	5	297	59·40
2	2	–	–	–	–	2	1	1	–	2	161	80·50
1	1	–	–	–	–	1	–	1	–	1	6	6·00
17	13	1	–	3	–	36	22	14	–	35	1,414	40·40
62	33	14	8	7	–	98	47	49	2	93	2,902	31·20
7	7	–	–	–	–	8	5	3	–	8	430	53·75
1	1	–	–	–	–	9	4	5	–	9	214	22·77
81	50	18	5	8	–	185	96	89	–	184	6,110	33·21
4	3	1	–	–	–	12	5	7	–	12	555	46·25
5	5	–	–	–	–	13	8	5	–	13	658	50·62
1	1	–	–	–	–	6	3	3	–	6	318	53·00
15	9	2	1	3	–	39	16	23	–	39	1,650	42·31
11	8	–	3	–	–	28	14	14	–	28	1,300	45·14
5	5	–	–	–	–	9	3	6	–	9	392	43·56
2	2	–	–	–	–	4	3	1	–	3	115	38·33
11	10	–	–	1	–	25	14	11	–	25	1,048	41·92
32	23	4	1	4	–	55	23	32	–	55	1,547	28·13
4	4	–	–	–	–	17	7	10	–	17	788	46·35

† Incorporated April 16, 1878. Previously included in Adams.

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. M.	Parentage. For. Fa. and Am. M.	Parentage. Unk.
BRISTOL . .	131,087	3,171	1595	1575	1	1287	1473	185	200	26
Acushnet . .	1,059	10	4	6	–	9	–	1	–	–
Attleborough .	9,224	280	136	144	–	141	99	11	26	3
Berkley . .	781	12	8	4	–	11	1	–	–	–
Dartmouth .	3,434	85	49	36	–	67	10	3	2	3
Dighton . .	1,755	31	12	19	–	26	2	2	–	1
Easton . .	3,898	98	53	45	–	47	38	4	7	2
Fairhaven . .	2,768	47	22	25	–	39	1	2	3	2
Fall River . .	45,340	1,319	659	660	–	231	896	98	90	4
Freetown . .	1,396	19	9	10	–	17	–	1	–	1
Mansfield . .	2,656	58	24	34	–	46	6	1	4	1
New Bedford .	25,895	545	270	275	–	267	210	28	35	5
Norton . .	1,595	32	14	18	–	27	3	1	1	–
Raynham . .	1,687	23	14	9	–	19	3	–	1	–
Rehoboth . .	1,827	34	12	22	–	32	2	–	–	–
Seekonk . .	1,167	20	8	12	–	16	1	2	1	–
Somerset . .	1,940	66	40	26	–	40	22	1	3	–
Swanzey . .	1,308	28	17	11	–	21	5	2	–	–
Taunton . .	20,445	395	204	190	1	177	163	27	25	3
Westport . .	2,912	69	40	29	–	54	11	1	2	1
DUKES . .	4,071	54	36	18	–	48	3	1	2	–
Chilmark . .	508	6	3	3	–	6	–	–	–	–
Edgartown .	1,707	28	20	8	–	23	3	–	2	–
Gay Head . .	216	4	4	–	–	3	–	1	–	–
Gosnold . .	115	3	2	1	–	3	–	–	–	–
Tisbury . .	1,525	13	7	6	–	13	–	–	–	–
ESSEX . .	223,342	5,369	2758	2610	1	2560	1991	374	401	43
Amesbury . .	5,987	95	45	50	–	30	56	2	6	1
Andover . .	5,097	92	39	53	–	45	32	8	7	–
Beverly . .	7,271	157	83	74	–	115	20	9	9	4
Boxford . .	834	20	7	13	–	19	1	–	–	–
Bradford . .	2,347	50	35	15	–	31	12	3	4	–
Danvers . .	6,024	129	58	71	–	87	22	8	10	2
Essex . .	1,713	32	17	15	–	25	–	4	3	–
Georgetown .	2.214	44	23	21	–	31	8	1	4	–
Gloucester . .	16,754	587	299	288	–	228	236	59	59	5
Groveland . .	2,084	39	15	24	–	17	13	7	1	1
Hamilton . .	797	19	10	9	–	16	3	–	–	–
Haverhill . .	14,628	379	194	185	–	208	120	18	31	2
Ipswich . .	3.674	65	41	24	–	42	13	5	5	–
Lawrence . .	34,916	952	505	447	–	193	614	60	78	7
Lynn . . .	32,600	620	319	301	–	333	184	57	36	10
Lynnfield . .	769	11	8	3	–	10	–	–	–	1

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and or. Fe.	For. M. and Am. Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
1,008	550	333	66	58	1	2,655	1285	1367	3	2,636	80,776	30·64
6	6	–	–	–	–	25	13	11	1	25	1,241	49·64
60	41	7	6	6	–	149	63	86	–	148	5,250	35·47
6	6	–	–	–	–	9	5	4	–	9	636	70·67
20	17	2	1	–	–	64	32	32	–	64	2,975	45·23
11	9	2	–	–	–	29	11	18	–	28	1,319	47·11
23	18	4	1	–	–	51	20	31	–	51	1,430	28·39
13	12	1	–	–	–	65	32	33	–	65	2,432	37·42
407	129	216	34	27	1	1,054	510	543	1	1,049	21,474	20·47
7	6	–	1	–	–	17	10	7	–	17	938	55·18
16	14	–	2	–	–	45	26	19	–	45	1,752	38·89
257	153	75	12	17	–	561	271	290	–	551	17,306	31·41
11	11	–	–	–	–	25	10	15	–	25	1,364	54·56
9	7	1	1	–	–	25	16	9	–	25	1,336	53·44
10	9	–	1	–	–	31	12	19	–	31	1,277	41·19
8	7	–	1	–	–	20	10	10	–	19	1,034	54·42
9	5	2	–	2	–	37	22	14	1	37	1,429	38·62
6	5	1	–	–	–	18	10	8	–	18	1,042	57·88
103	70	22	5	6	–	378	184	194	–	377	13,933	36·96
26	25	–	1	–	–	52	28	24	–	52	2,608	50·16
29	25	2	–	2	–	88	46	41	1	85	4,252	50·02
3	3	–	–	–	–	7	4	2	1	6	263	43·83
12	11	1	–	–	–	54	28	26	–	54	2,589	47·94
*	–	–	–	–	–	3	2	1	–	2	120	60·00
2	2	–	–	–	–	3	2	1	–	2	136	68·00
12	9	1	–	2	–	21	10	11	–	21	1,144	54·48
1,814	1198	321	164	130	1	4,383	2127	2253	3	4,338	135199	31·17
29	20	3	4	1	1	45	21	24	–	44	1,777	40·39
33	19	3	6	5	–	96	49	47	–	96	4,682	48·77
58	52	3	2	1	–	147	72	75	–	146	4,265	29·21
2	1	–	–	1	–	22	10	12	–	22	1,216	55·27
12	10	1	1	–	–	40	18	22	–	38	1,371	36·08
50	39	4	3	4	–	117	47	70	–	115	4,205	36·57
15	13	–	1	1	–	28	11	17	–	28	1,339	47·82
5	4	1	–	–	–	51	24	27	–	51	1,812	35·53
146	78	33	21	14	–	345	187	157	1	319	8,711	27·31
15	10	2	2	1	–	48	28	20	–	45	1,144	25·42
6	5	–	–	1	–	9	4	4	1	9	381	42·33
147	115	12	8	12	–	328	158	170	–	328	7,905	24·10
28	24	1	1	2	–	69	25	44	–	69	3,124	45·28
339	142	131	36	30	–	832	404	428	–	826	18,064	21·87
298	214	28	33	23	–	627	282	345	–	623	17,661	28·35
2	–	1	1	–	–	8	5	3	–	8	480	60·00

* No marriages.

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. M.	Parentage. For. Fa. and Am. M.	Parentage. Unk.
Essex — Con.										
Manchester	1,560	22	10	12	–	15	5	–	2	–
Marblehead	7,677	180	84	96	–	134	25	9	10	2
Merrimac*	–	44	24	20	–	33	6	–	5	–
Methuen	4,205	90	47	43	–	40	29	10	11	–
Middleton	1,092	19	10	9	–	14	2	1	2	–
Nahant	766	17	5	12	–	6	10	1	–	–
Newbury	1,426	24	9	15	–	17	4	–	3	–
Newburyport	13,323	282	155	127	–	161	90	11	19	1
North Andover	2,981	81	39	42	–	23	44	6	8	–
Peabody	8,066	264	140	124	–	143	97	11	13	–
Rockport	4,480	122	63	58	1	64	36	13	9	–
Rowley	1,162	27	19	8	–	26	–	1	–	–
Salem	25,958	670	323	347	–	296	266	57	48	3
Salisbury	4,078	79	43	36	–	58	11	3	6	1
Saugus	2,578	34	14	20	–	22	7	1	3	1
Swampscott	2,128	55	34	21	–	33	13	6	2	1
Topsfield	1,221	23	14	9	–	18	3	2	–	–
Wenham	911	8	5	3	–	5	1	1	1	–
West Newbury	2,021	37	22	15	–	22	8	–	6	1
FRANKLIN	33,696	617	309	305	3	393	148	20	46	10
Ashfield	1,190	12	8	4	–	11	1	–	–	–
Bernardston	991	14	6	8	–	14	–	–	–	–
Buckland	1,921	29	16	13	–	6	16	2	4	1
Charlemont	1,029	16	11	5	–	14	–	–	2	–
Colerain	1,699	32	12	20	–	25	5	–	2	–
Conway	1,452	29	19	10	–	17	5	–	7	–
Deerfield	3,414	65	26	36	3	27	18	6	9	5
Erving	794	6	4	2	–	4	2	–	–	–
Gill	673	4	3	1	–	4	–	–	–	–
Greenfield	3,540	84	43	41	–	50	24	4	6	–
Hawley	588	8	5	3	–	8	–	–	–	–
Heath	545	8	5	3	–	8	–	–	–	–
Leverett	831	16	7	9	–	16	–	–	–	–
Leyden	524	8	1	7	–	6	1	1	–	–
Monroe	190	5	3	2	–	3	2	–	–	–
Montague	3,380	113	55	58	–	36	59	4	11	3
New Salem	923	11	4	7	–	11	–	–	–	–
Northfield	1,641	25	11	14	–	19	4	–	2	–
Orange	2,497	46	19	27	–	37	3	2	3	1
Rowe	661	10	7	3	–	10	–	–	–	–
Shelburne	1,590	27	13	14	–	23	4	–	–	–
Shutesbury	558	6	2	4	–	6	–	–	–	–
Sunderland	860	15	9	6	–	13	2	–	–	–
Warwick	744	12	10	2	–	12	–	–	–	–
Wendell	503	3	3	–	–	3	–	–	–	–
Whately	958	13	7	6	–	10	2	1	–	–

* Incorporated April 11, 1876.

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and For Fe.	For. M. and Am. Fe	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
8	6	1	1	–	–	27	10	17	–	27	867	32·11
57	51	1	4	1	–	117	62	55	–	117	4,356	37·23
20	16	2	–	2	–	36	19	17	–	36	1,137	31·58
34	22	7	2	3	–	62	36	26	–	62	2,128	34·32
4	4	–	–	–	–	12	7	5	–	12	411	34·25
7	6	–	1	–	–	8	5	3	–	8	314	39·25
13	13	–	–	–	–	20	12	8	–	20	952	47·60
114	91	12	6	5	–	260	130	129	1	260	10,702	41·16
22	17	1	2	2	–	43	24	19	–	43	1,248	29·02
48	27	9	7	5	–	176	71	105	–	176	3,977	22·60
28	16	7	3	2	–	77	42	35	–	77	2,702	35·09
9	8	–	1	–	–	16	8	8	–	16	611	38·19
180	101	56	14	9	–	513	247	266	–	513	18,671	36·40
29	27	–	1	1	–	66	39	27	–	66	2,718	41·18
21	18	1	–	2	–	31	15	16	–	31	1,303	42·03
12	11	–	–	1	–	33	15	18	–	33	1,179	35·72
8	5	1	2	–	–	20	12	8	–	20	1,104	55·20
4	4	–	–	–	–	24	11	13	–	24	1,315	54·79
11	9	–	1	1	–	30	17	13	–	30	1,367	45·57
246	203	19	8	15	1	488	239	247	2	478	21,480	44·94
5	4	–	1	–	–	13	5	8	–	13	946	72·77
15	15	–	–	–	–	15	9	6	–	15	1,027	68·47
11	8	–	1	2	–	20	11	9	–	20	840	42·00
7	7	–	–	–	–	18	10	8	–	18	1,157	64·28
16	13	3	–	–	–	15	3	12	–	15	803	53·53
8	8	–	–	–	–	25	13	12	–	25	1,319	52·76
16	12	1	–	3	–	38	18	18	2	38	1,708	44·95
3	3	–	–	–	–	9	7	2	–	9	375	41·67
6	6	–	–	–	–	7	2	5	–	7	322	46·00
29	21	3	3	1	1	60	28	32	–	59	2,454	41·59
8	8	–	–	–	–	7	3	4	–	7	268	38 29
3	3	–	–	–	–	6	3	3	–	6	229	38·17
13	13	–	–	–	–	15	7	8	–	13	726	55·85
8	8	–	–	–	–	8	3	5	–	8	392	49·00
*	–	–	–	–	–	5	4	1	–	5	284	56·80
36	17	10	2	7	–	63	28	35	–	63	1,580	25·08
4	4	–	–	–	–	14	5	9	–	14	790	56·43
3	2	–	–	1	–	27	14	13	–	24	1,050	43·75
15	15	–	–	–	–	42	21	21	–	42	1,919	45·69
3	3	–	–	–	–	14	10	4	–	12	471	39·25
8	7	1	–	–	–	20	10	10	–	20	755	37·75
8	8	–	–	–	–	8	3	5	–	8	347	43·37
7	6	–	1	–	–	10	5	5	–	10	457	45·70
5	5	–	–	–	–	10	7	3	–	10	418	41·80
4	4	–	–	–	–	9	8	1	–	7	301	43·00
5	3	1	–	1	–	10	2	8	–	10	542	54·20

* No marriages.

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population. State Census, 1875.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	U.	Am.	For.	Am. Fa. and For. M.	For. Fa. and Am. M.	Unk.
HAMPDEN .	94,304	2,273	1147	1125	1	848	1032	167	200	26
Agawam . .	2,248	57	33	23	1	20	26	7	3	1
Blandford . .	964	21	12	9	–	21	–	–	–	–
Brimfield . .	1,201	15	9	6	–	8	5	–	2	–
Chester . .	1,396	26	15	11	–	15	9	1	1	–
Chicopee . .	10,335	276	130	146	–	75	155	21	20	5
Granville . .	1,240	14	5	9	–	11	1	1	–	1
Hampden* . .	–	11	6	5	–	6	2	2	1	–
Holland . .	334	4	2	2	–	2	1	1	–	–
Holyoke . .	16,260	552	285	267	–	94	371	34	49	4
Longmeadow .	1,467	24	13	11	–	13	9	1	1	–
Ludlow . .	1,222	20	11	9	–	13	4	3	–	–
Monson . .	3,733	62	28	34	–	37	19	2	2	2
(*St. Prim'y School*)	–	3	2	1	–	1	2	–	–	–
Montgomery .	304	6	4	2	–	6	–	–	–	–
Palmer . .	4,572	114	58	56	–	42	59	4	9	–
Russell . .	643	19	8	11	–	8	6	4	1	–
Southwick . .	1,114	20	10	10	–	16	1	–	2	1
Springfield .	31,053	712	361	351	–	264	293	67	76	12
Tolland . .	452	6	2	4	–	6	–	–	–	–
Wales . .	1,020	17	9	8	–	13	2	–	2	–
Westfield . .	8,431	169	82	87	–	109	34	9	17	–
W. Springfield .	3,739	94	43	51	–	49	25	8	12	–
Wilbraham .	2,576	31	19	12	–	19	8	2	2	–
HAMPSHIRE .	44,821	894	461	433	–	428	347	43	65	11
Amherst . .	3,937	61	31	30	–	47	8	2	3	1
Belchertown .	2,315	46	17	29	–	40	5	1	–	–
Chesterfield .	746	12	9	3	–	11	–	–	–	1
Cummington .	916	16	7	9	–	12	1	3	–	–
Easthampton .	3,972	81	51	30	–	28	39	7	7	–
Enfield . .	1,065	17	9	8	–	12	5	–	–	–
Goshen . .	349	6	5	1	–	6	–	–	–	–
Granby . .	812	15	6	9	–	13	1	–	–	1
Greenwich . .	606	9	3	6	–	9	–	–	–	–
Hadley . .	2,125	37	19	18	–	15	19	–	3	–
Hatfield . .	1,600	40	21	19	–	12	20	2	5	1
Huntington .	1,095	24	12	12	–	12	9	1	2	–
Middlefield .	603	16	7	9	–	10	3	1	2	–
Northampton .	11,108	268	137	131	–	98	125	16	22	7
Pelham . .	633	2	1	1	–	2	–	–	–	–
Plainfield . .	481	5	3	2	–	5	–	–	–	–
Prescott . .	493	7	1	6	–	7	–	–	–	–
South Hadley .	3,370	60	38	22	–	27	22	3	8	–
Southampton .	1,050	20	10	10	–	14	6	–	–	–
Ware . . .	4,142	91	38	53	–	18	62	4	7	–
Westhampton .	556	11	7	4	–	8	3	–	–	–
Williamsburg .	2,029	40	22	18	–	12	19	3	6	–
Worthington .	818	10	7	3	–	10	–	–	–	–

* Incorporated March 28, 1878; previously included in Wilbraham.

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and For. Fe.	For. M. and Am. Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
751	460	172	62	55	2	1,698	856	838	4	1,691	47,404	28·03
17	11	3	1	2	–	52	32	18	2	52	1,356	26·08
5	5	–	–	–	–	19	8	11	–	19	784	41·26
6	6	–	–	–	–	17	7	10	–	17	725	42·65
8	6	–	1	1	–	21	13	8	–	21	920	43·81
84	32	37	8	6	1	205	101	104	–	205	5,268	25·70
8	6	1	–	1	–	15	6	9	–	15	933	62·20
6	6	–	–	–	–	7	3	4	–	7	382	54·57
2	2	–	–	–	–	5	3	1	1	5	175	35·00
160	63	64	15	18	–	389	192	197	–	389	6,548	16·83
8	6	–	1	1	–	12	5	7	–	12	603	50·25
6	6	–	–	–	–	22	10	12	–	21	976	46·48
20	19	1	–	–	–	82	39	43	–	82	2,050	25·00
–	–	–	–	–	–	12	7	5	–	12	69	5·75
1	1	–	–	–	–	3	1	2	–	3	70	23·33
54	34	13	5	2	–	87	42	45	–	83	2,396	28·87
9	6	1	1	1	–	12	8	4	–	12	318	26·50
7	6	1	–	–	–	14	8	5	1	14	718	51·29
239	157	42	21	18	1	482	249	233	–	482	15,599	32·36
2	2	–	–	–	–	3	3	–	–	3	24	8.00
8	7	–	1	–	–	11	7	4	–	11	426	38·73
72	59	5	4	4	–	133	70	63	–	131	3,896	29·74
21	15	4	2	–	–	68	28	40	–	68	1,825	26·84
8	5	–	2	1	–	27	14	13	–	27	1,343	49·74
337	243	53	24	17	–	740	357	382	1	737	28,749	39·01
31	30	–	1	–	–	56	25	31	–	56	2,335	41·70
19	18	–	1	–	–	43	16	27	–	43	1,925	44·77
6	6	–	–	–	–	18	12	6	–	18	868	48·22
6	6	–	–	–	–	14	7	7	–	14	778	55·57
23	13	8	1	1	–	64	23	41	–	64	2,031	31·73
13	12	–	1	–	–	13	6	7	–	13	351	27·00
2	2	–	–	–	–	10	6	4	–	10	777	77·70
5	3	1	1	–	–	10	5	5	–	10	586	58·60
9	9	–	–	–	–	12	4	7	1	12	753	62·75
10	9	1	–	–	–	33	16	17	–	33	1,159	35·12
7	6	1	–	–	–	24	9	15	–	24	910	37·92
7	7	–	–	–	–	18	7	11	–	18	841	46·72
3	1	2	–	–	–	5	3	2	–	5	271	54·20
92	48	17	15	12	–	157	88	69	–	156	5,695	36·51
7	7	–	–	–	–	14	7	7	–	14	781	55·79
1	1	–	–	–	–	5	3	2	–	5	373	74·60
8	7	–	–	1	–	5	2	3	–	5	277	55·40
27	21	3	2	1	–	54	27	27	–	54	2,007	37·17
10	10	–	–	–	–	21	12	9	–	21	937	44·62
34	12	18	2	2	–	116	55	61	–	116	3,216	27·72
3	3	–	–	–	–	13	5	8	–	11	404	36·73
11	9	2	–	–	–	29	16	13	–	29	1,166	40·21
3	3	–	–	–	–	6	3	3	–	6	308	51·33

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. M	Parentage. For. Fa. and Am. M.	Parentage. Unk.
MIDDLESEX .	284,112	7,264	3799	3464	1	2902	3115	491	684	72
Acton . .	1,708	23	16	7	–	16	5	1	1	–
Arlington . .	3,906	108	51	57	–	46	50	6	6	–
Ashby . .	962	8	3	5	–	4	1	3	–	–
Ashland . .	2,211	52	34	18	–	22	21	3	6	–
Ayer . . .	1,872	60	31	29	–	30	26	2	2	–
Bedford . .	900	10	5	5	–	7	2	–	1	–
Belmont . .	1,937	60	26	34	–	12	40	3	4	1
Billerica . .	1,881	37	19	18	–	13	13	4	4	3
Boxborough .	318	9	4	5	–	5	2	1	1	–
Burlington .	650	14	8	6	–	6	6	–	2	–
Cambridge .	47,838	1,362	750	612	–	435	644	113	162	8
Carlisle . .	548	12	10	2	–	9	1	–	1	1
Chelmsford .	2,372	37	18	19	–	18	12	–	7	–
Concord . .	2,676	74	40	34	–	30	33	7	3	1
Dracut . .	1,116	21	8	13	–	6	10	1	4	–
Dunstable . .	452	4	3	1	–	4	–	–	–	–
Everett . .	3,651	103	61	42	–	63	30	8	2	–
Framingham .	5,167	157	82	75	–	73	55	13	15	1
Groton . .	1,908	37	22	15	–	30	5	–	2	–
Holliston . .	3,399	63	35	27	1	35	20	2	5	1
Hopkinton . .	4,503	104	52	52	–	48	42	5	8	1
Hudson . .	3,493	102	51	51	–	44	39	3	16	–
Lexington . .	2,505	34	15	19	–	9	18	3	3	1
Lincoln . .	834	16	6	10	–	6	8	1	1	–
Littleton . .	950	12	6	6	–	8	3	–	1	–
Lowell . .	49,688	1,315	690	625	–	388	692	89	134	12
Malden . .	10,843	237	120	117	–	117	88	13	18	1
Marlborough .	8,424	216	116	100	–	79	112	13	11	1
Maynard . .	1,965	74	41	33	–	15	47	3	9	–
Medford . .	6,627	138	67	71	–	90	30	6	11	1
Melrose . .	3,990	92	47	45	–	65	13	5	9	–
Natick . .	7,419	253	118	135	–	101	97	20	33	2
Newton . .	16,105	375	209	166	–	168	155	28	22	2
North Reading .	979	19	7	12	–	17	–	1	1	–
Pepperell . .	1,927	51	23	28	–	35	10	2	4	–
Reading . .	3,186	41	24	17	–	27	8	1	4	1
Sherborn . .	999	57	24	33	–	34	12	3	1	7
Shirley . .	1,352	17	9	8	–	9	6	2	–	–
Somerville . .	21,868	547	264	283	–	246	203	36	57	5
Stoneham . .	4,984	88	40	48	–	48	26	3	11	–
Stow . . .	1,022	18	5	13	–	8	5	3	2	–
Sudbury . .	1,177	30	15	15	–	21	7	1	1	–
Tewksbury .	1,997	16	8	8	–	6	6	1	3	–
(*St. Almshouse*) .	–	73	32	41	–	15	33	14	6	5
Townsend . .	2,196	33	17	16	–	22	5	–	6	–
Tyngsborough .	665	8	3	5	–	6	1	–	1	–
Wakefield . .	5,349	116	54	62	–	59	40	11	4	2

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am M. and For. Fe.	For. M. and Am. Fe	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
2,147	1299	466	195	180	7	5,499	2678	2818	3	5,455	167210	30·65
7	6	–	–	1	–	29	17	12	–	29	1,322	45·59
28	18	6	2	2	–	74	36	38	–	74	1,971	26·63
10	10	–	–	–	–	19	8	11	–	19	1,185	62·37
13	10	2	–	1	–	45	24	21	–	45	1,293	28·73
11	11	–	–	–	–	33	18	15	–	31	898	28·97
3	2	1	–	–	–	9	4	5	–	9	568	63·11
6	2	3	1	–	–	29	11	18	–	29	826	28·48
16	8	1	4	3	–	43	16	27	–	43	2,100	48·84
4	3	–	–	1	–	4	–	4	–	4	250	62·50
3	3	–	–	–	–	10	7	2	1	10	583	58·30
332	180	83	34	34	1	964	485	479	–	951	26,294	27·65
2	1	–	–	1	–	10	6	4	–	10	558	55·80
10	9	1	–	–	–	40	18	22	–	39	1,592	40·82
25	11	6	3	4	1	39	21	18	–	39	1,640	42·05
8	7	–	–	1	–	8	2	6	–	8	235	29·37
5	5	–	–	–	–	8	4	4	–	8	482	60·25
22	13	2	5	2	–	54	29	25	–	53	2,000	37·74
51	31	13	3	4	–	79	41	38	–	76	2,786	36·66
10	7	1	1	1	–	24	12	12	–	24	1,200	50·00
18	11	4	2	1	–	83	43	40	–	83	2,632	31·71
28	21	4	1	2	–	70	33	37	–	69	2,174	31·51
21	18	3	–	–	–	56	25	31	–	56	1,801	32·16
10	6	–	2	2	–	40	17	23	–	40	1,948	48·70
3	2	1	–	–	–	19	13	6	–	18	603	33·50
4	3	–	–	1	–	15	8	6	1	15	820	54·67
546	260	184	59	41	2	1,088	481	607	–	1,086	29,117	26·81
79	50	15	6	8	–	166	79	87	–	166	5,225	31·47
61	41	9	5	6	–	149	80	69	–	149	3,620	24·29
4	3	1	–	–	–	47	25	22	–	47	811	17·25
46	30	6	4	6	–	105	53	52	–	104	4,384	42·15
30	17	6	4	3	–	55	29	26	–	54	1,872	34·67
57	35	9	6	7	–	136	65	71	–	136	3,986	29·31
83	67	7	6	3	–	248	138	110	–	245	7,980	32·57
5	4	1	–	–	–	13	8	5	–	13	555	42·69
22	22	–	–	–	–	30	17	13	–	30	975	32·50
17	15	1	1	–	–	51	19	32	–	51	1,708	33·49
11	10	1	–	–	–	50	18	32	–	49	1,266	25·83
8	6	1	1	–	–	19	8	11	–	19	814	42·84
155	84	36	14	19	2	367	163	204	–	360	9,802	27·23
31	25	–	4	2	–	63	35	28	–	63	2,610	41·43
6	4	–	–	1	1	15	7	8	–	15	689	45·93
8	7	–	1	–	–	19	5	14	–	19	793	41·74
7	6	–	–	1	–	25	16	9	–	24	1,054	43·92
–	–	–	–	–	–	305	177	128	–	305	8,831	28·95
16	15	1	–	–	–	39	25	14	–	39	1,653	42·38
4	4	–	–	–	–	12	4	8	–	12	603	50·25
31	23	5	1	2	–	92	50	42	–	92	2,114	22·98

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population. State Census, 1875.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	U.	Am.	For.	Am. Fa. and For. M.	For. Fa. and Am. M.	Unk.
Middlesex — Con.										
Waltham . .	9,967	274	151	123	–	108	113	20	22	11
Watertown .	5,099	115	68	47	–	35	58	8	11	3
Wayland . .	1,766	54	27	27	–	27	14	5	7	1
Westford . .	1,933	46	22	24	–	25	14	4	3	–
Weston . .	1,282	28	17	11	–	18	7	1	2	–
Wilmington .	879	21	10	11	–	12	7	1	1	–
Winchester .	3,099	84	45	39	–	34	44	2	4	–
Woburn . .	9,568	309	170	139	–	88	176	16	29	–
NANTUCKET .	3,201	69	30	39	–	60	3	2	3	1
NORFOLK .	88,321	2,039	1041	997	1	1004	681	116	220	18
Bellingham .	1,247	32	15	17	–	22	7	–	2	1
Braintree . .	4,156	98	45	53	–	61	21	3	11	2
Brookline . .	6,675	180	90	90	–	55	95	11	18	1
Canton . .	4,192	72	35	37	–	27	34	5	6	–
Cohasset . .	2,197	44	24	20	–	25	11	1	7	–
Dedham . .	5,756	136	66	70	–	56	50	11	19	–
Dover . .	650	10	6	4	–	4	4	–	1	1
Foxborough .	3,168	48	26	22	–	34	7	–	6	1
Franklin . .	2,983	89	49	40	–	48	27	7	5	2
Holbrook . .	1,726	51	25	26	–	37	9	1	4	–
Hyde Park .	6,316	172	92	80	–	74	60	10	27	1
Medfield . .	1,163	31	17	14	–	19	8	2	2	–
Medway . .	4,242	72	35	37	–	38	22	4	8	–
Milton . .	2,738	64	32	32	–	22	26	4	10	2
Needham . .	4,548	120	63	57	–	43	51	8	17	1
Norfolk . .	920	17	9	8	–	9	7	1	–	–
Norwood . .	1,749	50	28	22	–	31	10	3	6	–
Quincy . .	9,155	220	114	105	1	97	90	10	22	1
Randolph . .	4,064	82	37	45	–	47	17	6	11	1
Sharon . .	1,330	29	14	15	–	17	8	–	3	1
Stoughton . .	4,842	106	67	39	–	56	26	9	14	1
Walpole . .	2,290	49	32	17	–	36	9	3	1	–
Weymouth .	9,819	224	101	123	–	119	71	15	17	2
Wrentham . .	2,395	43	19	24	–	27	11	2	3	–
PLYMOUTH .	69,362	1,338	730	604	4	954	254	47	67	16
Abington . .	3,241	75	31	44	–	53	14	3	5	–
Bridgewater .	3,969	59	40	19	–	33	23	–	2	1
(*St. Workhouse*),	–	2	1	1	–	–	2	–	–	–
Brockton . .	10,578	224	132	92	–	136	56	8	23	1
Carver . .	1,127	22	10	12	–	19	2	1	–	–
Duxbury . .	2,245	35	17	18	–	29	–	4	2	–
E. Bridgewater .	2,808	32	14	18	–	21	11	–	–	–
Halifax . .	568	9	5	4	–	9	–	–	–	–

Digitized by Google

Registered during the year 1878 — Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and For. Fe.	For. M. and Am Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
83	54	13	10	6	–	171	74	96	1	169	5,546	32·82
50	21	18	5	6	–	75	43	32	–	73	2,570	35·21
21	19	1	1	–	–	39	17	22	–	39	1,313	33·67
11	10	–	–	1	–	32	10	22	–	31	1,218	39·29
7	3	2	1	1	–	13	5	8	–	13	456	35·08
16	15	–	1	–	–	13	4	9	–	13	509	39·15
22	13	3	6	–	–	60	28	32	–	60	1,803	30·05
60	38	15	1	6	–	198	97	101	–	197	5,572	28·28
18	17	–	1	–	–	127	64	63	–	126	5,813	46·13
618	427	99	32	60	–	1,383	706	676	1	1,378	50,960	36·98
5	4	–	–	1	–	19	8	11	–	19	788	41·47
25	18	3	–	4	–	67	37	30	–	67	2,591	38·67
55	27	21	4	3	–	89	41	48	–	89	3,174	35·66
28	19	3	2	4	–	77	36	41	–	77	2,409	31·29
21	15	1	3	2	–	40	19	21	–	40	2,146	53·65
36	20	10	3	3	–	100	42	58	–	100	4,087	40·87
1	1	–	–	–	–	20	15	5	–	20	1,243	62·15
19	16	1	–	2	–	35	18	17	–	35	1,549	44·26
31	21	5	3	2	–	37	18	19	–	37	1,478	39·95
24	18	2	2	2	–	33	16	17	–	33	1,251	37·91
30	22	4	–	4	–	82	43	39	–	82	2,450	29·88
12	9	2	1	–	–	24	13	11	–	24	1,266	52·75
27	23	1	2	1	–	77	42	35	–	77	3,264	42·39
18	10	7	–	1	–	32	22	10	–	32	1,080	33·75
33	16	8	4	5	–	63	30	33	–	63	1,968	31·24
6	6	–	–	–	–	10	7	3	–	10	558	55·80
18	12	4	1	1	–	32	21	10	1	31	1,089	35·13
67	36	17	4	10	–	187	98	89	–	185	5,794	31·32
26	23	2	–	1	–	70	33	37	–	69	2,442	35·39
4	4	–	–	–	–	17	10	7	–	17	701	41·23
31	24	2	1	4	–	80	41	39	–	79	2,749	34·80
14	10	1	–	3	–	30	19	11	–	30	1,219	40·63
69	58	5	–	6	–	130	60	70	–	130	3,936	30·28
18	15	–	2	1	–	32	17	15	–	32	1,728	54·00
510	426	36	23	24	1	1,103	559	541	3	1,094	46,785	42·77
19	17	1	–	1	–	48	24	24	–	48	1,923	40·06
30	19	5	1	5	–	37	18	19	–	37	1,778	48·05
–	–	–	–	–	–	13	9	4	–	13	407	31·31
85	59	10	9	7	–	154	77	77	–	154	3,946	25·62
16	15	–	1	–	–	18	10	8	–	18	970	53·89
12	10	–	1	1	–	36	16	19	1	36	1,882	52·28
22	20	2	–	–	–	34	22	12	–	34	1,370	40·29
6	6	–	–	–	–	6	3	3	–	6	391	65 17

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Am. Fa. and For. M.	For. Fa. and Am. M.	Unk.
Plymouth—Con.										
Hanover	1,801	38	18	20	–	33	5	–	–	–
Hanson	1,265	21	13	8	–	18	2	1	–	–
Hingham	4,654	98	55	43	–	61	26	8	3	–
Hull	316	7	4	1	2	6	–	–	1	–
Kingston	1,569	18	11	7	–	16	1	1	–	–
Lakeville	1,061	21	7	14	–	16	2	–	2	1
Marion	862	17	12	5	–	17	–	–	–	–
Marshfield	1,817	20	9	11	–	18	–	1	–	1
Mattapoisett	1,361	8	6	2	–	7	1	–	–	–
Middleborough	5,023	103	53	50	–	84	11	5	1	2
Pembroke	1,399	17	8	9	–	16	1	–	–	–
Plymouth	6,370	139	75	64	–	100	20	3	11	5
Plympton	755	9	5	4	–	9	–	–	–	–
Rochester	1,001	17	8	9	–	15	1	–	1	–
Rockland	4,203	93	57	36	–	55	26	5	6	1
Scituate	2,463	49	28	21	–	35	8	3	2	1
South Abington,	2,456	71	40	31	–	56	13	1	1	–
South Scituate	1,818	36	17	17	2	30	1	1	1	3
Wareham	2,874	80	45	35	–	48	26	2	4	–
W. Bridgewater	1,758	18	9	9	–	14	2	–	2	–
SUFFOLK	364,886	10,715	5477	5237	1	3135	5075	813	1,132	560
Boston	341,919	10,160	5200	4960	–	2874	4874	778	1,078	556
Chelsea	20,737	489	243	245	1	225	177	33	50	4
Revere	1,603	47	25	22	–	23	19	1	4	–
Winthrop	627	19	9	10	–	13	5	1	–	–
WORCESTER	210,295	5,349	2795	2552	2	2113	2444	266	485	41
Ashburnham	2,141	28	17	11	–	14	8	1	3	2
Athol	4,134	79	40	39	–	64	7	4	2	2
Auburn	1,233	27	13	14	–	11	10	2	4	–
Barre	2,460	30	18	12	–	15	9	3	2	1
Berlin	987	15	9	6	–	10	3	1	1	–
Blackstone	4,640	133	70	63	–	28	95	3	7	–
Bolton	987	11	7	4	–	8	3	–	–	–
Boylston	895	12	7	5	–	10	2	–	–	–
Brookfield	2,660	45	18	27	–	27	13	2	3	–
Charlton	1,852	34	22	12	–	26	5	–	2	1
Clinton	6,781	208	116	92	–	54	131	11	12	–
Dana	760	13	6	7	–	12	1	–	–	–
Douglas	2,202	78	37	41	–	26	35	5	12	–
Dudley	2,653	79	40	39	–	15	50	8	6	–
Fitchburg	12,289	293	150	143	–	141	107	15	30	–
Gardner	3,730	92	52	40	–	49	27	3	12	1
Grafton	4,442	74	36	37	1	29	35	2	6	2
Hardwick	1,992	33	21	12	–	18	11	–	4	–
Harvard	1,304	20	12	8	–	16	4	–	–	–

Digitized by Google

Registered during the year 1878—Continued.

MARRIAGES.						DEATHS.						
Couples.	Nativity.					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am. M. and For. Fe.	For. M. and Am. Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
9	8	–	1	–	–	30	15	15	–	30	1,439	47·97
5	4	–	1	–	–	15	8	7	–	15	877	58·47
32	25	6	–	1	–	65	25	40	–	65	3,034	46·68
1	1	–	–	–	–	12	7	5	–	12	337	28·08
9	9	–	–	–	–	23	12	11	–	23	1,299	56·48
5	5	–	–	–	–	13	9	4	–	13	708	54·46
9	9	–	–	–	–	10	6	4	–	9	533	59·22
9	9	–	–	–	–	32	17	15	–	32	1,726	53 94
9	8	–	–	1	–	18	8	10	–	18	912	50·67
40	36	–	2	1	1	73	34	38	1	73	3,704	50·74
10	9	–	–	1	–	20	7	13	–	20	903	45·15
63	55	3	4	1	–	141	77	64	–	133	5,572	41·89
9	8	–	1	–	–	17	8	9	–	17	806	47·41
11	11	–	–	–	–	17	12	5	–	17	743	43·71
19	12	5	–	2	–	63	32	31	–	63	2,286	36·29
22	21	1	–	–	–	48	26	22	–	48	2,456	51·17
22	16	3	1	2	–	35	18	17	–	35	1,255	35·86
8	8	–	–	–	–	44	23	20	1	44	2,154	48·95
19	17	–	1	1	–	55	23	32	–	55	2,273	41·33
9	9	–	–	–	–	26	13	13	–	26	1,101	42·35
3,065	1445	910	360	350	–	8,064	3910	4151	3	8,058	217925	27·04
2,892	1331	888	338	335	–	7,677	3739	3937	1	7,677	206286	26·87
160	103	21	21	15	–	350	157	192	1	348	10,750	30·89
9	7	1	1	–	–	24	7	16	1	21	573	27·29
4	4	–	–	–	–	13	7	6	–	12	316	26·33
1,637	1087	275	106	167	2	3,498	1701	1793	4	3,476	117901	33·92
20	18	2	–	–	–	23	13	10	–	23	884	38·43
44	39	–	2	3	–	63	24	39	–	62	2,974	47·97
7	4	2	–	1	–	16	8	8	–	16	609	38·06
12	11	1	–	–	–	38	15	23	–	38	1,640	43·16
7	7	–	–	–	–	10	5	5	–	10	590	59·00
35	16	10	3	6	–	40	20	20	–	40	1,639	40·97
4	4	–	–	–	–	11	6	5	–	11	501	45·54
3	2	1	–	–	–	12	4	8	–	12	531	44·25
24	20	1	1	2	–	38	13	25	–	36	1,198	33·28
8	8	–	–	–	–	20	9	11	–	20	1,118	55·90
66	29	23	6	8	–	100	39	61	–	100	3,256	32·56
4	4	–	–	–	–	7	3	4	–	7	266	38·00
30	17	4	6	3	–	35	17	16	2	35	1,111	31·74
12	6	2	1	3	–	54	24	30	–	54	1,715	31·76
84	71	6	5	2	–	159	81	78	–	159	6,285	39·52
35	30	2	2	1	–	69	36	33	–	69	1,602	23·22
23	17	6	–	–	–	70	30	40	–	69	2,529	36·65
11	6	3	1	1	–	17	6	11	–	17	859	50·53
5	4	–	1	–	–	27	8	19	–	27	1,555	57·41

Digitized by Google

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population. State Census, 1875.	Births. Whole No.	Sex. M.	Sex. F.	Sex. U.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. M.	Parentage. For. Fa. and Am. M.	Parentage. Unk.
Worcester—Con.										
Holden	2,180	59	35	24	–	23	22	4	9	1
Hubbardston	1,440	12	8	4	–	8	2	1	1	–
Lancaster	1,957	26	9	17	–	18	7	–	1	–
Leicester	2,770	53	24	29	–	19	28	2	4	–
Leominster	5,201	122	57	65	–	76	25	7	13	1
Lunenburg	1,153	15	10	5	–	12	–	2	–	1
Mendon	1,176	18	9	9	–	13	5	–	–	–
Milford	9,818	229	114	115	–	93	99	10	26	1
Millbury	4,529	118	58	60	–	39	48	14	17	–
New Braintree	606	14	8	6	–	10	3	–	1	–
Northborough	1,398	33	16	17	–	22	6	3	2	–
Northbridge	4,030	126	65	61	–	36	70	12	8	–
No. Brookfield	3,749	97	44	53	–	35	42	2	18	–
Oakham	873	16	9	7	–	11	5	–	–	–
Oxford	2,938	57	32	25	–	27	20	3	5	2
Paxton	600	9	4	5	–	7	2	–	–	–
Petersham	1,203	18	9	9	–	14	4	–	–	–
Phillipston	666	7	3	4	–	7	–	–	–	–
Princeton	1,063	9	5	4	–	8	–	–	1	–
Royalston	1,260	18	10	8	–	18	–	–	–	–
Rutland	1,030	23	9	14	–	16	3	1	3	–
Shrewsbury	1,524	27	12	15	–	12	9	2	3	1
Southborough	1,986	42	21	21	–	16	18	1	7	–
Southbridge	5,740	187	96	91	–	22	157	3	4	1
Spencer	5,451	275	139	136	–	56	179	10	30	–
Sterling	1,569	22	7	15	–	16	4	–	–	2
Sturbridge	2,213	37	17	20	–	13	18	3	2	1
Sutton	3,051	89	55	34	–	27	50	7	3	2
Templeton	2,764	51	35	16	–	36	8	2	3	2
Upton	2,125	41	21	20	–	32	6	–	3	–
Uxbridge	3,029	53	26	27	–	26	23	1	3	–
Warren	3,260	87	46	41	–	37	42	2	5	1
Webster	5,064	246	143	103	–	36	171	17	19	3
Westborough	5,141	114	59	54	1	62	39	3	9	1
West Boylston	2,902	84	41	43	–	30	43	2	8	1
West Brookfield,	1,903	31	17	14	–	22	6	1	2	–
Westminster	1,712	42	21	21	–	33	3	2	2	2
Winchendon	3,762	83	46	37	–	44	23	8	8	–
Worcester	49,317	1,455	764	691	–	508	698	81	159	9

Digitized by Google

Registered during the year 1878 — Concluded.

MARRIAGES.						DEATHS.						
Couples.	Nativity,					Persons.	Sex.			No. whose ages are registered.	Age.	
	Am.	For.	Am M. and For. Fe	For. M. and Am. Fe.	Unk.		M.	F.	Unk.		Agg'te.	Av'ge.
23	17	1	3	2	–	33	18	15	–	33	1,309	39·67
11	10	–	–	1	–	23	10	13	–	23	1,446	62·87
8	7	–	–	1	–	22	7	15	–	22	788	35·82
12	9	1	1	1	–	52	28	24	–	51	2,073	40·65
34	27	1	2	4	–	66	33	33	–	65	2,050	31·54
12	11	–	–	1	–	13	8	5	–	13	875	67·54
5	5	–	–	–	–	20	6	14	–	20	1,040	52·00
58	44	4	4	6	–	170	85	85	–	170	5,539	32·58
37	25	5	2	5	–	91	49	42	–	91	2,885	31·71
3	3	–	–	–	–	4	3	1	–	4	287	71·75
12	11	–	–	1	–	19	9	10	–	19	785	41·32
36	15	10	5	6	–	85	48	37	–	85	2,247	26·44
37	20	8	2	7	–	62	29	33	–	62	2,129	34·34
3	3	–	–	–	–	22	11	11	–	22	883	40·14
11	6	2	–	3	–	47	20	27	–	47	1,549	32·96
3	3	–	–	–	–	8	2	6	–	7	296	42·29
8	8	–	–	–	–	20	10	10	–	20	1,135	56·75
7	7	–	–	–	–	8	4	4	–	8	325	40·62
6	5	–	1	–	–	20	11	9	–	20	1,089	54·45
14	13	–	–	1	–	16	5	11	–	16	874	54·62
4	4	–	–	–	–	15	7	8	–	15	592	39·47
11	10	–	–	1	–	26	17	9	–	26	1,164	44·77
9	6	1	–	2	–	17	7	10	–	16	474	29·62
58	25	17	5	11	–	83	36	47	–	80	1,892	23·65
45	23	8	4	10	–	179	82	96	1	179	2,905	16·23
9	9	–	–	–	–	23	6	17	–	23	1,412	61·39
21	14	4	1	2	–	39	19	20	–	39	1,640	42·05
27	12	12	2	1	–	68	36	32	–	68	2,305	33·90
15	14	–	1	–	–	33	17	16	–	33	1,348	40·85
17	14	1	1	1	–	29	12	17	–	29	1,226	42·28
24	18	4	1	1	–	62	35	27	–	62	2,810	45·32
31	24	–	1	6	–	54	28	26	–	54	1,701	31·50
49	18	23	4	3	1	86	49	37	–	85	1,534	18·05
36	27	6	2	1	–	69	34	35	–	69	2,116	30·67
24	13	6	3	2	–	54	31	23	–	54	1,609	29·80
10	10	–	–	–	–	26	17	9	–	26	1,006	38·69
12	12	–	–	–	–	28	10	18	–	28	1,309	46·75
22	19	2	1	–	–	53	22	31	–	53	2,676	50 49
439	253	96	32	57	1	944	479	464	1	934	27,716	29·67

Digitized by Google

TABLE II. — BIRTHS. — 1878.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the year.*

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worceste .
THE YEAR.	Totals . . .	41,238	578	1,508	3,171	123	5,369	617	2,273	894	7,264	2,039	1,338	10,715	5,349
	Males . . .	21,199	294	727	1,595	66	2,758	309	1,147	461	3,799	1,041	730	5,477	2,795
	Females . .	20,022	284	779	1,575	57	2,610	305	1,125	433	3,464	997	604	5,237	2,552
	Unknown . .	17	–	2	1	–	1	3	1	–	1	1	4	1	2
Jan	Totals . . .	3,181	36	110	220	9	392	51	178	72	541	150	112	907	403
	Males . . .	1,650	16	44	120	3	207	26	91	39	286	76	54	470	218
	Females . .	1,531	20	66	100	6	185	25	87	33	255	74	58	437	185
Feb.	Totals . . .	3,116	40	118	257	13	401	54	164	67	504	149	94	844	411
	Males . . .	1,595	24	60	127	7	186	20	85	29	265	91	48	424	229
	Females . .	1,521	16	58	130	6	215	34	79	38	239	58	46	420	182
Mar.	Totals . . .	3,442	31	129	247	8	449	58	207	77	632	163	112	888	441
	Males . . .	1,775	16	60	126	5	243	30	106	41	295	99	55	468	231
	Females . .	1,667	15	69	121	3	206	28	101	36	337	64	57	420	210
April.	Totals . . .	3,172	45	121	230	12	431	34	158	61	566	158	108	822	426
	Males . . .	1,658	25	63	121	9	218	20	78	30	309	82	57	441	205
	Females . .	1,513	20	58	109	3	213	14	80	31	257	76	50	381	221
	Unknown . .	1	–	–	–	–	–	–	–	–	–	–	1	–	–
May.	Totals . . .	3,248	31	133	206	15	445	51	191	68	576	163	104	800	465
	Males . . .	1,639	16	56	95	8	228	25	94	34	297	75	57	400	254
	Females . .	1,608	15	77	111	7	217	26	97	34	279	88	47	400	210
	Unknown . .	1	–	–	–	–	–	–	–	–	–	–	–	–	1

Digitized by Google

June.	Totals	3,121	52	110	230	6	398	37	178	69	515	163	104	841	418
	Males	1,572	23	53	118	4	205	19	81	33	274	73	56	428	205
	Females	1,547	29	57	112	2	193	18	97	36	241	90	47	413	212
	Unknown	2	–	–	–	–	–	–	–	–	–	–	1	–	1
July.	Totals	3,525	48	145	262	6	433	53	220	91	590	181	126	885	485
	Males	1,801	24	63	124	3	238	29	99	48	312	87	71	448	255
	Females	1,724	24	82	138	3	195	24	121	43	278	94	55	437	230
Aug.	Totals	3,765	56	130	290	14	502	56	195	82	683	187	112	971	487
	Males	1,903	26	66	130	8	243	30	104	44	350	96	60	496	250
	Females	1,860	30	64	160	6	259	26	90	38	332	91	52	475	237
	Unknown	2	–	–	–	–	–	–	1	–	1	–	–	–	–
Sept.	Totals	3,639	68	122	298	14	485	54	203	79	681	175	113	899	448
	Males	1,898	39	59	155	8	247	27	105	40	364	91	55	472	236
	Females	1,741	29	63	143	6	238	27	98	39	317	84	58	427	212
Oct.	Totals	3,776	61	136	330	13	496	59	177	88	683	203	139	960	431
	Males	1,979	25	80	178	6	260	35	91	52	338	105	89	474	246
	Females	1,796	36	56	152	7	236	24	86	36	345	98	49	486	185
	Unknown	1	–	–	–	–	–	–	–	–	–	–	1	–	–
Nov.	Totals	3,555	61	112	274	8	459	60	196	65	615	182	110	932	481
	Males	1,830	31	56	137	4	227	26	105	31	341	84	71	474	243
	Females	1,721	30	56	136	4	231	33	91	34	274	97	39	458	238
	Unknown	4	–	–	1	–	1	1	–	–	–	1	–	–	–
Dec.	Totals	3,690	49	141	327	5	476	50	206	75	674	165	103	966	453
	Males	1,897	29	67	164	1	256	22	108	40	367	82	56	482	223
	Females	1,787	20	72	163	4	220	26	98	35	307	83	46	483	230
	Unknown	6	–	2	–	–	–	2	–	–	–	–	1	1	–
Not st'd.	Totals	8	–	1	–	–	2	–	–	–	4	–	1	–	–
	Males	2	–	–	–	–	–	–	–	–	1	–	1	–	–
	Females	6	–	1	–	–	2	–	–	–	3	–	–	–	–

Digitized by Google

SUPPLEMENT A.

PLURALITY BIRTHS.—1878.

[Included in Tables I. and II.]

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Totals	815	10	37*	44	4	124	20	45*	12	155*	42	38	186*	98*
	Males .	424	4	12	30	1	64	11	16	4	84	19	20	104	55
	Fem. .	391	6	25	14	3	60	9	29	8	71	23	18	82	43
Jan.	Totals	54	2	2	–	2	12	4	2	–	14	2	2	6	6
	Males .	25	–	–	–	–	4	2	2	–	7	2	–	4	4
	Fem. .	29	2	2	–	2	8	2	–	–	7	–	2	2	2
Feb.	Totals	43	–	4	4	–	6	–	2	2	10	2	–	9	4
	Males .	27	–	4	1	–	4	–	1	1	8	2	–	5	1
	Fem. .	16	–	–	3	–	2	–	1	1	2	–	–	4	3
Mar.	Totals	67	–	6	6	–	8	2	3	–	17	2	6	10	7
	Males .	36	–	1	5	–	5	2	1	–	8	2	3	6	3
	Fem. .	31	–	5	1	–	3	–	2	–	9	–	3	4	4
April.	Totals	76	2	2	2	–	14	–	2	–	18	6	4	12	14
	Males .	41	–	–	1	–	7	–	2	–	11	3	1	8	8
	Fem. .	35	2	2	1	–	7	–	–	–	7	3	3	4	6
May.	Totals	69	–	2	–	–	16	4	4	–	8	2	4	24	5
	Males .	33	–	–	–	–	6	3	2	–	1	–	3	16	2
	Fem. .	36	–	2	–	–	10	1	2	–	7	2	1	8	3
June.	Totals	74	–	4	2	–	8	–	4	2	12	4	2	16	20
	Males .	37	–	2	2	–	4	–	–	–	8	2	1	8	10
	Fem. .	37	–	2	–	–	4	–	4	2	4	2	1	8	10
July.	Totals	66	2	2	4	–	12	–	6	2	14	2	6	10	6
	Males .	27	2	–	3	–	5	–	2	–	4	1	3	5	2
	Fem. .	39	–	2	1	–	7	–	4	2	10	1	3	5	4

* Seven cases of triplets were registered in the year 1878: of these, one case occurred in Berkshire County of three females of American-born parentage; one in Hampden County, comprising one male and two females of foreign-born parentage; and one of two males and a female, in Middlesex County, of American parentage. In Suffolk County two cases occurred,—one of three males of American and the other of a male and two females of foreign parentage; and in Worcester County two cases, each comprising two males and one female,—one being of foreign and the other of American parentage.

Digitized by Google

SUPPLEMENT A — Concluded.

Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Totals	72	–	6	6	–	8	–	4	2	14	6	4	12	10
	Males .	41	–	2	3	–	7	–	1	–	8	2	2	7	9
	Fem. .	31	–	4	3	–	1	–	3	2	6	4	2	5	1
Sept.	Totals	88	–	5	12	2	10	–	6	–	18	2	2	20	11
	Males .	43	–	2	8	1	3	–	–	–	11	2	1	9	6
	Fem. .	45	–	3	4	1	7	–	6	–	7	–	1	11	5
Oct.	Totals	66	2	–	2	–	6	–	4	4	6	4	4	29	5
	Males .	40	–	–	1	–	3	–	2	3	5	2	3	18	3
	Fem. .	26	2	–	1	–	3	–	2	1	1	2	1	11	2
Nov.	Totals	51	–	–	4	–	8	2	2	–	11	4	2	16	2
	Males .	32	–	–	4	–	6	1	–	–	6	1	2	11	1
	Fem. .	19	–	–	–	–	2	1	2	–	5	3	–	5	1
Dec.	Totals	89	2	4	2	–	16	8	6	–	13	6	2	22	8
	Males .	42	2	1	2	–	10	3	3	–	7	–	1	7	6
	Fem. .	47	–	3	–	–	6	5	3	–	6	6	1	15	2

Digitized by Google

SUPPLEMENT B.

ILLEGITIMATE BIRTHS.—1878.

[Included in Tables I. and II.]

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
YEAR.	Totals .	640	6	14	22	8	59	7	19	7	99	18	16	333	32
	Males .	320	3	6	8	7	28	5	10	3	44	9	14	164	19
	Fem. .	318	3	8	14	1	31	2	9	4	54	9	2	169	12
	Unk. .	2	–	–	–	–	–	–	–	–	1	–	–	–	1
Jan.	Totals .	60	1	4	–	–	5	2	2	1	6	–	2	35	2
	Males .	33	1	1	–	–	2	2	–	–	3	–	2	21	1
	Fem. .	27	–	3	–	–	3	–	2	1	3	–	–	14	1
Feb.	Totals .	57	–	–	1	1	6	1	2	1	14	–	1	30	–
	Males .	24	–	–	–	1	3	1	1	1	4	–	1	12	–
	Fem. .	33	–	–	1	–	3	–	1	–	10	–	–	18	–
Mar.	Totals .	76	–	1	1	1	4	–	3	–	15	3	2	42	4
	Males .	38	–	–	–	1	2	–	1	–	6	1	2	23	2
	Fem. .	38	–	1	1	–	2	–	2	–	9	2	–	19	2
April.	Totals .	41	–	1	1	–	2	–	1	–	4	3	1	27	1
	Males .	17	–	1	1	–	–	–	1	–	1	–	1	11	1
	Fem. .	24	–	–	–	–	2	–	–	–	3	3	–	16	–
May.	Totals .	62	–	2	1	2	4	–	1	–	12	2	1	30	7
	Males .	30	–	2	1	2	4	–	–	–	5	2	1	11	2
	Fem. .	31	–	–	–	–	–	–	1	–	7	–	–	19	4
	Unk. .	1	–	–	–	–	–	–	–	–	–	–	–	–	1
June.	Totals .	48	–	–	3	–	3	–	1	–	8	–	–	30	3
	Males .	27	–	–	1	–	–	–	–	–	4	–	–	20	2
	Fem. .	21	–	–	2	–	3	–	1	–	4	–	–	10	1
July.	Totals .	38	1	1	2	–	2	1	–	1	1	4	–	22	3
	Males .	18	1	–	–	–	1	–	–	1	–	3	–	9	3
	Fem. .	20	–	1	2	–	1	1	–	–	1	1	–	13	–

Digitized by Google

Supplement B — Concluded.

Year and Months.	Sex.	State.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Totals .	50	1	3	2	2	5	1	–	1	8	–	3	23	1
	Males .	27	1	1	–	2	2	1	–	1	5	–	2	12	–
	Fem. .	22	–	2	2	–	3	–	–	–	2	–	1	11	1
	Unk. .	1	–	–	–	–	–	–	–	–	1	–	–	–	–
Sept.	Totals .	59	1	–	2	–	7	1	5	2	11	4	2	24	–
	Males .	26	–	–	1	–	3	–	3	–	5	2	2	10	–
	Fem. .	33	1	–	1	–	4	1	2	2	6	2	–	14	–
Oct.	Totals .	58	2	–	3	1	5	1	1	1	10	1	1	25	7
	Males .	32	–	–	1	1	5	1	1	–	5	–	1	13	4
	Fem. .	26	2	–	2	–	–	–	–	1	5	1	–	12	3
Nov.	Totals .	43	–	1	2	–	7	–	2	–	6	–	1	20	4
	Males .	23	–	1	1	–	2	–	2	–	3	–	1	9	4
	Fem. .	20	–	–	1	–	5	–	–	–	3	–	–	11	–
Dec.	Totals .	48	–	1	4	1	9	–	1	–	4	1	2	25	–
	Males .	25	–	–	2	–	4	–	1	–	3	1	1	13	–
	Fem. .	23	–	1	2	1	5	–	–	–	1	–	1	12	–

Note. — Of the Illegitimate Births registered in the foregoing table, 47 occurred at the State Almshouse at Tewksbury, 23 at the Reformatory Prison for Women at Sherborn, and 330 in the city of Boston. There were also 81 births in Boston (returned as "foundlings," and not included in the above table), of which the parentage was entirely unknown.

Digitized by Google

TABLE III. — STILL-BORN.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Still-births during the year

1878.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth	Suffolk.	Worcester
THE YEAR.	Totals .	1,261	16	17	133	16	170	9	56	22	190	34	33	461	104
	Males .	672	9	8	60	1	100	8	21	12	101	14	21	258	59
	Fem. .	489	7	8	59	2	65	1	21	6	58	19	12	198	38
	Unk. .	100	–	6	14	13	5	–	14	4	31	1	–	5	7
Jan.	Totals .	120	1	1	15	1	10	1	7	3	17	5	3	44	12
	Males .	59	–	1	10	–	3	1	1	2	8	3	2	20	8
	Fem. .	52	1	–	5	1	7	–	3	–	4	2	1	24	4
	Unk. .	9	–	–	–	–	–	–	3	1	5	–	–	–	–
Feb.	Totals .	99	2	2	4	1	15	–	2	2	14	4	4	39	10
	Males .	72	2	1	2	–	12	–	1	1	11	4	4	27	7
	Fem. .	22	–	–	2	–	2	–	1	1	3	–	–	11	2
	Unk. .	5	–	1	–	1	1	–	–	–	–	–	–	1	1
Mar.	Totals .	77	1	2	11	1	7	–	1	2	13	1	4	29	5
	Males .	36	1	1	3	1	3	–	–	–	6	–	2	18	1
	Fem. .	32	–	–	7	–	4	–	–	1	4	1	2	10	3
	Unk. .	9	–	1	1	–	–	–	1	1	3	–	–	1	1
April.	Totals .	117	2	–	15	1	11	1	5	–	23	4	2	41	12
	Males .	58	2	–	4	–	6	1	3	–	11	1	1	19	10
	Fem. .	46	–	–	8	–	5	–	1	–	5	3	1	22	1
	Unk. .	13	–	–	3	1	–	–	1	–	7	–	–	–	1
May.	Totals .	94	1	2	9	2	9	–	6	4	18	3	4	29	7
	Males .	45	–	–	4	–	5	–	3	2	8	1	3	14	5
	Fem. .	38	1	–	4	–	3	–	2	2	6	2	1	15	2
	Unk. .	11	–	2	1	2	1	–	1	–	4	–	–	–	–
June.	Totals .	100	–	–	14	–	12	1	2	2	15	3	2	44	5
	Males .	62	–	–	10	–	7	1	–	1	10	1	1	27	4
	Fem. .	35	–	–	4	–	5	–	1	1	4	1	1	17	1
	Unk. .	3	–	–	–	–	–	–	1	–	1	1	–	–	–

Digitized by Google

TABLE III. — Concluded.

Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
July.	Totals .	117	2	3	13	–	17	1	8	2	13	2	2	40	14
	Males .	57	–	1	6	–	11	1	3	2	5	–	2	21	5
	Fem. .	51	2	1	4	–	6	–	5	–	6	2	–	17	8
	Unk. .	9	–	1	3	–	–	–	–	–	2	–	–	2	1
Aug.	Totals .	117	4	1	15	3	26	–	1	–	16	2	–	44	5
	Males .	61	1	1	8	–	14	–	1	–	10	–	–	24	2
	Fem. .	47	3	–	6	–	12	–	–	–	3	2	–	19	2
	Unk. .	9	–	–	1	3	–	–	–	–	3	–	–	1	1
Sept.	Totals .	100	1	1	12	3	15	–	6	–	19	2	–	31	10
	Males .	56	1	1	3	–	8	–	3	–	11	1	–	20	8
	Fem. .	38	–	–	8	–	7	–	3	–	7	1	–	11	1
	Unk. .	6	–	–	1	3	–	–	–	–	1	–	–	–	1
Oct.	Totals .	116	–	–	10	2	21	3	7	3	17	3	3	41	6
	Males .	61	–	–	6	–	12	2	–	2	9	2	–	26	2
	Fem. .	40	–	–	3	–	7	1	2	–	4	1	3	15	4
	Unk. .	15	–	–	1	2	2	–	5	1	4	–	–	–	–
Nov.	Totals .	98	1	4	8	1	15	–	5	1	12	2	6	36	7
	Males .	46	1	1	1	–	9	–	1	1	6	–	4	19	3
	Fem. .	43	–	2	4	–	5	–	2	–	5	2	2	17	4
	Unk. .	9	–	1	3	1	1	–	2	–	1	–	–	–	–
Dec.	Totals .	106	1	1	7	1	12	2	6	3	13	3	3	43	11
	Males .	59	1	1	3	–	10	2	5	1	6	1	2	23	4
	Fem. .	45	–	–	4	1	2	–	1	1	7	2	1	20	6
	Unk. .	2	–	–	–	–	–	–	–	1	–	–	–	–	1

Digitized by Google

TABLE IV. — MARRIAGES.

Distinguishing by Counties, and by Months, the Number of Marriages registered during the year

1878.

YEAR AND MONTHS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR .	12,893	247	466	1008	47	1814	246	751	337	2147	618	510	3065	1637
January .	1,217	25	37	120	4	147	22	74	19	197	53	40	311	168
February .	934	22	21	78	2	149	15	48	24	166	44	29	211	125
March . .	802	20	30	58	2	119	10	44	18	132	31	30	213	95
April . .	936	14	36	73	2	133	18	46	27	154	45	39	234	115
May . .	1,149	21	38	98	4	166	31	71	42	187	53	46	256	136
June . .	1,144	21	48	97	1	155	21	67	21	184	61	40	286	142
July . .	887	14	38	63	2	146	8	43	20	153	51	44	199	106
August .	807	11	18	64	3	109	19	54	21	132	37	28	207	104
September .	1,114	9	58	90	6	140	19	71	35	204	44	37	257	144
October .	1,343	20	50	92	10	182	23	75	39	240	70	53	333	156
November .	1,540	33	45	100	6	212	38	93	43	263	79	69	344	215
December .	993	37	38	75	5	155	20	60	28	126	49	55	214	131
Unknown .	27	–	9	–	–	1	2	5	–	9	1	–	–	–

Digitized by Google

TABLE V.—MARRIAGES.

Exhibiting the Social Condition and Ages, respectively, of Parties Married during the year

1878.

AGGREGATE —Of all Conditions.

AGE OF MALES.	AGE OF FEMALES.															
	ALL AGES.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown.
ALL AGES.	12,893	2,394	5,706	2,578	960	556	293	179	88	38	37	10	3	2	–	49
Und. 20	245	162	79	3	1	–	–	–	–	–	–	–	–	–	–	–
20 to 25	4,797	1,524	2,793	413	50	7	1	–	–	1	–	–	–	–	–	8
25 to 30	3,979	545	2,055	1,134	179	47	8	3	–	–	–	–	–	–	–	8
30 to 35	1,648	126	517	603	292	88	16	3	1	–	–	–	–	–	–	2
35 to 40	846	24	173	258	202	148	33	6	2	–	–	–	–	–	–	–
40 to 45	469	7	49	95	123	117	62	16	–	–	–	–	–	–	–	–
45 to 50	292	3	21	39	66	70	50	34	8	1	–	–	–	–	–	–
50 to 55	210	1	10	18	28	39	50	36	17	5	4	–	–	–	–	2
55 to 60	141	–	5	11	12	21	34	29	16	11	1	–	1	–	–	–
60 to 65	103	–	1	2	3	12	23	31	13	10	6	2	–	–	–	–
65 to 70	76	1	–	1	3	4	8	12	24	4	13	3	1	1	–	1
70 to 75	35	–	1	–	–	1	5	5	4	6	9	3	1	–	–	–
75 to 80	11	–	–	–	–	1	2	4	1	–	1	1	–	1	–	–
Over 80	5	–	–	–	–	–	1	–	1	–	2	1	–	–	–	–
Unk.	36	1	2	1	1	1	–	–	1	–	1	–	–	–	–	28

(A.) First Marriage of both Parties.

ALL AGES.	10,000	2,267	5,165	1,943	422	126	25	8	4	2	–	–	1	–	–	37
Und. 20	243	162	78	2	1	–	–	–	–	–	–	–	–	–	–	–
20 to 25	4,606	1,500	2,709	364	23	1	–	–	–	1	–	–	–	–	–	8
25 to 30	3,482	493	1,882	968	107	18	4	3	–	–	–	–	–	–	–	7
30 to 35	1,123	97	383	432	166	42	1	–	–	–	–	–	–	–	–	2
35 to 40	361	11	83	132	94	35	5	–	1	–	–	–	–	–	–	–
40 to 45	104	3	18	34	19	21	8	1	–	–	–	–	–	–	–	–
45 to 50	37	–	9	8	9	7	2	2	–	–	–	–	–	–	–	–
50 to 55	11	–	–	2	3	–	3	1	1	–	–	–	–	–	–	1
55 to 60	4	–	–	–	–	1	1	–	2	–	–	–	–	–	–	–
60 to 65	2	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–
65 to 70	2	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
70 to 75	2	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–
75 to 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk.	23	1	2	1	–	–	–	–	–	–	–	–	–	–	–	19

Digitized by Google

TABLE V.—Continued.

(B.) First Marriage of Male, and subsequent Marriage of Female.

Age of Males.	Age of Females.															
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	4 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown.
All Ages.	622	9	93	183	163	109	43	16	4	1	–	–	–	–	–	1
Und. 20	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	119	4	44	40	24	6	1	–	–	–	–	–	–	–	–	–
25 to 30	202	4	34	85	52	24	3	–	–	–	–	–	–	–	–	–
30 to 35	132	1	11	38	51	21	9	1	–	–	–	–	–	–	–	–
35 to 40	83	–	3	13	21	33	11	2	–	–	–	–	–	–	–	–
40 to 45	43	–	–	4	9	13	11	6	–	–	–	–	–	–	–	–
45 to 50	20	–	–	2	5	7	1	4	1	–	–	–	–	–	–	–
50 to 55	13	–	1	–	1	4	6	1	–	–	–	–	–	–	–	–
55 to 60	4	–	–	–	–	1	1	–	2	–	–	–	–	–	–	–
60 to 65	3	–	–	–	–	–	–	1	1	1	–	–	–	–	–	–
65 to 70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
70 to 75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
75 to 80	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Over 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk. .	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1

(C.) Subsequent Marriage of the Male, but First Marriage of Female.

All Ages.	1,427	107	415	343	243	156	76	54	18	5	3	1	1	–	–	5
Und. 20	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	56	14	33	6	3	–	–	–	–	–	–	–	–	–	–	–
25 to 30	243	45	130	56	10	1	–	–	–	–	–	–	–	–	–	1
30 to 35	320	27	117	106	55	14	1	–	–	–	–	–	–	–	–	–
35 to 40	273	12	80	87	55	31	7	1	–	–	–	–	–	–	–	–
40 to 45	200	4	30	43	67	43	12	1	–	–	–	–	–	–	–	–
45 to 50	113	3	10	22	26	30	9	12	1	–	–	–	–	–	–	–
50 to 55	78	1	8	12	16	17	12	9	2	–	–	–	–	–	–	1
55 to 60	65	–	5	9	8	11	16	9	4	2	–	–	1	–	–	–
60 to 65	36	–	–	1	–	6	10	12	3	3	1	–	–	–	–	–
65 to 70	23	1	–	1	2	1	4	7	6	–	1	–	–	–	–	–
70 to 75	11	–	1	–	–	1	3	2	2	–	1	1	–	–	–	–
75 to 80	3	–	–	–	–	1	1	1	–	–	–	–	–	–	–	–
Over 80	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Unk. .	4	–	–	–	1	–	–	–	–	–	–	–	–	–	–	3

Digitized by Google

Table V. — Concluded.

(D.) Subsequent Marriage of both Parties.

Age of Males.	Age of Females.															
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown.
All Ages.	817	4	25	103	131	165	149	101	61	30	34	9	1	2	–	2
Und. 20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	5	2	1	2	–	–	–	–	–	–	–	–	–	–	–	–
25 to 30	43	1	7	21	9	4	1	–	–	–	–	–	–	–	–	–
30 to 35	73	1	6	27	20	11	5	2	1	–	–	–	–	–	–	–
35 to 40	128	–	7	26	32	49	10	3	1	–	–	–	–	–	–	–
40 to 45	122	–	1	14	28	40	31	8	–	–	–	–	–	–	–	–
45 to 50	122	–	2	7	26	26	38	16	6	1	–	–	–	–	–	–
50 to 55	108	–	1	4	8	18	29	25	14	5	4	–	–	–	–	–
55 to 60	68	–	–	2	4	8	16	20	8	9	1	–	–	–	–	–
60 to 65	61	–	–	–	3	6	13	18	9	5	5	2	–	–	–	–
65 to 70	50	–	–	–	1	2	3	5	17	4	12	3	1	1	–	1
70 to 75	22	–	–	–	–	–	2	2	2	6	8	2	–	–	–	–
75 to 80	7	–	–	–	–	–	1	2	1	–	1	1	–	1	–	–
Over 80	4	–	–	–	–	–	–	–	1	–	2	1	–	–	–	–
Unk. .	4	–	–	–	–	1	–	–	1	–	1	–	–	–	–	1

(E.) Condition of Parties not stated.

All Ages.	27	7	8	6	1	–	–	–	1	–	–	–	–	–	–	4
Und. 20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	11	4	6	1	–	–	–	–	–	–	–	–	–	–	–	–
25 to 30	9	2	2	4	1	–	–	–	–	–	–	–	–	–	–	–
30 to 35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
35 to 40	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
40 to 45	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
45 to 50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
50 to 55	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
55 to 60	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
60 to 65	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–
65 to 70	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
70 to 75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
75 to 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk. .	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4

Digitized by Google

TABLE VI. — DEATHS.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who Died during the year

1878.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Totals	31303	599	978	2655	215	4383	488	1698	740	5499	1383	1103	8064	3498
	Males	15284	307	449	1285	110	2127	239	856	357	2678	706	559	3910	1701
	Fem.	15986	291	525	1367	104	2253	247	838	382	2818	676	541	4151	1793
	Unk.	33	1	4	3	1	3	2	4	1	3	1	3	3	4
Jan.	Totals	2,578	59	75	210	26	351	40	126	56	462	144	72	624	333
	Males	1,260	38	37	101	15	174	23	58	26	226	77	33	299	153
	Fem.	1,316	21	38	109	11	177	17	68	30	236	67	38	325	179
	Unk.	2	–	–	–	–	–	–	–	–	–	–	1	–	1
Feb.	Totals	2,261	46	78	198	28	343	29	114	68	387	101	88	547	234
	Males	1,103	26	35	93	8	159	9	62	29	191	61	50	259	121
	Fem	1,155	20	42	104	20	184	20	52	38	196	40	38	288	113
	Unk.	3	–	1	1	–	–	–	–	1	–	–	–	–	–
Mar.	Totals	2,614	57	82	190	15	359	44	128	67	487	105	98	656	326
	Males	1,245	26	31	100	5	178	18	65	27	242	49	51	301	152
	Fem.	1,366	31	50	90	10	181	26	63	40	245	56	46	354	174
	Unk.	3	–	1	–	–	–	–	–	–	–	–	1	1	–
April.	Totals	2,415	57	86	210	10	342	45	117	61	423	90	91	608	275
	Males	1,183	25	35	99	6	160	23	65	29	227	47	42	300	125
	Fem.	1,231	32	51	111	4	182	22	51	32	196	43	49	308	150
	Unk.	1	–	–	–	–	–	–	1	–	–	–	–	–	–
May.	Totals	2,370	47	63	201	16	330	41	105	60	409	110	88	624	276
	Males	1,165	28	29	87	7	154	20	50	31	184	52	50	324	149
	Fem.	1,202	19	34	114	9	175	21	55	29	225	58	37	300	126
	Unk.	3	–	–	–	–	1	–	–	–	–	–	1	–	1
June.	Totals	2,151	37	75	167	17	274	31	102	57	359	107	92	606	227
	Males	1,067	20	39	87	15	127	19	47	28	169	56	52	302	106
	Fem.	1,080	17	35	80	2	147	12	55	29	189	50	40	303	121
	Unk.	4	–	1	–	–	–	–	–	–	1	1	–	1	–
July.	Totals	2,976	42	67	267	14	399	32	199	64	548	108	85	833	318
	Males	1,547	20	37	151	8	216	15	115	41	272	62	37	405	168
	Fem.	1,427	21	30	116	6	183	17	83	23	276	46	48	428	150
	Unk.	2	1	–	–	–	–	–	1	–	–	–	–	–	–

Digitized by Google

TABLE VI. — Concluded.

Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Totals .	3,216	40	115	261	16	454	53	194	76	655	114	95	810	333
	Males .	1,569	15	55	121	7	235	35	100	35	324	50	41	374	177
	Fem. .	1,641	25	59	139	9	218	17	93	41	331	64	54	435	156
	Unk. .	6	–	1	1	–	1	1	1	–	–	–	–	1	–
Sept.	Totals .	2,734	66	88	232	20	385	34	141	57	494	134	116	659	308
	Males .	1,350	35	37	105	10	194	15	73	27	234	72	61	332	155
	Fem. .	1,382	31	51	126	10	191	19	67	30	260	62	55	327	153
	Unk. .	2	–	–	1	–	–	–	1	–	–	–	–	–	–
Oct.	Totals .	2,731	49	97	243	18	398	36	168	47	433	153	99	704	286
	Males .	1,298	28	40	112	8	185	19	75	24	214	83	52	334	124
	Fem. .	1,431	21	57	131	10	213	17	93	23	218	70	47	370	161
	Unk. .	2	–	–	–	–	–	–	–	–	1	–	–	–	1
Nov.	Totals .	2,496	46	74	217	15	372	55	152	76	385	107	77	659	261
	Males .	1,187	22	35	99	9	179	23	75	32	182	45	38	323	125
	Fem. .	1,304	24	39	118	5	192	31	77	44	202	62	39	336	135
	Unk. .	5	–	–	–	1	1	1	–	–	1	–	–	–	1
Dec.	Totals .	2,761	53	78	259	20	376	48	152	51	457	110	102	734	321
	Males .	1,310	24	39	130	12	166	20	71	28	213	52	52	357	146
	Fem. .	1,451	29	39	129	8	210	28	81	23	244	58	50	377	175

Digitized by Google

TABLE VII.—DEATHS BY AGE AND SEX,

Distinguishing by Age and by Sex the Number of Deaths registered in each Population, distinguishing Sex, according to the State Census of 1875, — *and*

STATE AND COUNTIES.	Population. State Census, 1875.		Percentage of Deaths to Pop.	No. of Deaths Regist'd 1878.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15
Massachusetts	1,651,912	Tot.	1·85	31,303	6,189	2,152	1,106	776	598	1,468	649
	794,383	Ma.	·	15,284	3,444	1,135	540	394	315	728	311
	857,529	Fe.	·	15,986	2,712	1,017	566	382	283	740	338
	–	U.	·	33	33	–	–	–	–	–	–
BARNSTABLE	32,144	Tot.	1·80	599	53	25	13	18	5	31	22
	15,643	Ma.	·	307	38	14	6	8	4	16	10
	16,501	Fe.	·	291	14	11	7	10	1	15	12
	–	U.	·	1	1	–	–	–	–	–	–
BERKSHIRE	68,270	Tot.	1·57	978	141	42	31	22	11	47	34
	33,685	Ma.	·	449	80	20	15	17	5	23	12
	34,585	Fe.	·	525	57	22	16	5	6	24	22
	–	U.	·	4	4	–	–	–	–	–	–
BRISTOL	131,087	Tot.	1·98	2,655	522	206	92	83	58	154	66
	63,362	Ma.	·	1,285	287	100	50	40	29	81	31
	67,725	Fe.	·	1,367	232	106	42	43	29	73	35
	–	U.	·	3	3	–	–	–	–	–	–
DUKES	4,071	Tot.	1·98	88	9	2	1	2	–	1	–
	1,949	Ma.	·	46	4	1	1	1	–	–	–
	2,122	Fe.	·	41	4	1	–	1	–	1	–
	–	U.	·	1	1	–	–	–	–	–	–
ESSEX	223,342	Tot.	1·93	4,383	880	261	149	118	92	251	94
	106,001	Ma.	·	2,127	504	136	64	57	46	117	46
	117,341	Fe.	·	2,253	373	125	85	61	46	134	48
	–	U.	·	3	3	–	–	–	–	–	–
FRANKLIN	33,696	Tot.	1·35	488	75	12	7	10	2	14	11
	16,925	Ma.	·	239	43	5	4	6	1	8	3
	16,771	Fe.	·	247	30	7	3	4	1	6	8
	–	U.	·	2	2	–	–	–	–	–	–
HAMPDEN	94,304	Tot.	1·86	1,698	353	141	67	51	37	99	37
	45,290	Ma.	·	856	187	79	30	31	20	55	25
	49,014	Fe.	·	838	162	62	37	20	17	44	12
	–	U.	·	4	4	–	–	–	–	–	–
HAMPSHIRE	44,821	Tot.	1·73	740	123	38	11	9	8	32	20
	21,589	Ma.	·	357	66	20	1	6	5	17	11
	23,232	Fe.	·	382	56	18	10	3	3	15	9
	–	U.	·	1	1	–	–	–	–	–	–
MIDDLESEX	284,112	Tot.	1·86	5,499	1,167	390	205	119	105	270	123
	135,323	Ma.	·	2,678	648	211	109	59	57	133	59
	148,789	Fe.	·	2,818	516	179	96	60	48	137	64
	–	U.	·	3	3	–	–	–	–	–	–
NANTUCKET	3,201	Tot.	3·47	127	6	5	4	1	4	10	4
	1,389	Ma.	·	64	4	3	2	–	–	5	1
	1,812	Fe.	·	63	2	2	2	1	4	5	3
NORFOLK	88,321	Tot.	1·44	1,383	230	72	48	31	23	57	25
	42,397	Ma.	·	706	122	45	26	13	10	27	14
	45,924	Fe.	·	676	107	27	22	18	13	30	11
	–	U.	·	1	1	–	–	–	–	–	–
PLYMOUTH	69,362	Tot.	1·44	1,103	170	42	14	22	10	36	23
	34,240	Ma.	·	559	101	26	5	6	6	24	12
	35,122	Fe.	·	541	66	16	9	16	4	12	11
	–	U.	·	3	3	–	–	–	–	–	–
SUFFOLK	364,886	Tot.	2·21	8,064	1,837	677	336	198	195	329	124
	173,050	Ma.	·	3,910	1,005	343	163	95	107	154	54
	191,836	Fe.	·	4,151	829	334	173	103	88	175	70
	–	U.	·	3	3	–	–	–	–	–	–
WORCESTER	210,295	Tot.	1·56	3,498	623	239	128	92	48	137	66
	103,540	Ma.	·	1,701	355	132	64	55	25	68	33
	106,755	Fe.	·	1,793	264	107	64	37	23	69	33
	–	U.	·	4	4	–	–	–	–	–	–

Digitized by Google

AND BY COUNTIES AND TOWNS.—1878.

County and Town in the State during the year 1878,—*in Connection with the also with the Percentage of the Registered Number of Deaths to the Population.*

15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 and over.	Unknown.
1051	1473	1358	1248	1162	1023	1047	1106	1082	1207	1346	1512	1464	1120	646	260	92	166
413	647	544	549	517	471	526	559	526	625	684	722	691	480	245	91	22	105
638	826	814	699	645	552	521	547	556	582	662	790	773	640	403	169	70	61
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	23	21	25	35	24	18	17	19	29	34	43	44	34	25	9	1	10
8	11	8	12	17	13	9	7	10	18	19	21	22	14	9	4	-	9
13	12	13	13	18	11	9	10	9	11	15	22	22	20	16	5	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	42	60	28	31	31	31	34	38	41	55	53	67	42	29	9	1	11
20	14	16	14	12	14	14	14	19	21	27	25	28	18	11	4	1	5
27	28	44	14	19	17	17	20	19	20	28	28	39	24	18	5	-	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
86	122	88	83	105	60	88	103	80	98	100	126	145	80	64	22	5	19
34	52	33	32	43	26	47	50	35	57	49	61	61	43	25	7	1	11
52	70	55	51	62	34	41	53	45	41	51	65	84	37	39	15	4	8
-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
4	3	2	2	7	2	5	2	3	6	4	6	5	9	6	4	-	3
1	3	-	2	3	1	4	1	1	5	3	3	2	2	3	2	-	3
3	-	2	-	4	1	1	1	2	1	1	3	3	7	3	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	201	186	196	151	145	136	133	165	159	169	202	220	151	89	40	7	46
50	80	76	88	68	61	64	65	76	80	88	94	111	74	32	13	1	36
92	121	110	108	83	84	72	68	89	79	81	108	109	77	57	27	6	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	21	13	17	18	12	16	10	20	25	28	35	43	38	29	8	3	10
5	13	4	5	2	7	5	6	15	9	12	14	20	19	20	3	3	7
6	8	9	12	16	5	11	4	5	16	16	21	23	19	9	5	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	97	78	51	62	61	46	46	52	56	60	81	59	51	32	7	3	8
20	47	31	20	26	25	25	26	31	30	28	43	32	29	10	2	-	4
33	50	47	31	36	36	31	20	21	26	32	38	27	22	22	5	3	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	33	35	24	17	20	19	31	22	36	41	60	46	46	20	9	6	3
9	14	13	13	7	13	11	14	10	17	22	34	20	20	7	5	1	1
22	19	22	11	10	7	8	17	12	19	19	26	26	26	13	4	5	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183	247	229	226	189	176	187	204	197	215	234	258	213	184	100	44	20	14
73	110	82	85	77	75	94	102	100	112	129	129	100	68	43	14	3	6
110	137	147	141	112	101	93	102	97	103	105	129	113	116	57	30	17	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	5	3	4	5	3	4	3	4	8	11	11	7	12	5	3	1	1
2	2	1	3	1	2	2	1	3	5	8	5	4	5	3	1	-	1
1	3	2	1	4	1	2	2	1	3	3	6	3	7	2	2	1	-
37	62	50	59	44	44	45	65	52	64	78	87	75	73	33	20	4	5
19	31	26	29	26	23	24	36	30	31	44	45	31	29	15	6	-	4
18	31	24	30	18	21	21	29	22	33	34	42	44	44	18	14	4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	45	37	42	38	29	29	48	36	45	74	88	94	65	42	20	11	9
11	24	12	19	13	15	12	32	20	23	42	44	49	32	15	9	2	5
23	21	25	23	25	14	17	16	16	22	32	44	45	33	27	11	9	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252	379	431	367	339	300	314	293	273	275	284	284	239	187	91	37	17	6
109	165	196	171	167	147	164	145	120	142	127	121	105	67	24	9	7	3
143	214	235	196	172	153	150	148	153	133	157	163	134	120	67	28	10	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	193	125	124	121	116	99	117	171	150	174	178	207	148	83	28	13	21
52	81	46	56	55	49	51	60	56	75	86	83	106	60	28	12	3	10
95	112	79	68	66	67	48	57	65	75	88	95	101	88	55	16	10	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875.			Deaths.*			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Barnst'ble Co.	32,144	Tot.	32,144	1·80	.	599	53	25	13	18	5
		Ma.	15,643	.	599	307	38	14	6	8	4
		Fe.	16,501	.	.	291	14	11	7	10	1
		Un.	.	.	.	1	1	–	–	–	–
Barnstable	4,302	Ma	2,013	1·73	78	34	6	1	1	1	–
		Fe.	2,289			44	–	2	1	–	–
Brewster	1,219	Ma.	588	1·77	20	7	–	–	–	–	–
		Fe.	631			13	–	–	–	1	–
Chatham	2,274	Ma.	1,093	2·20	50	23	2	2	1	1	–
		Fe.	1,181			27	3	–	–	3	–
Dennis	3,369	Ma.	1,630	1·82	62	28	3	1	–	–	2
		Fe.	1,739			34	3	4	2	1	–
Eastham	639	Ma.	331	1·53	12	8	–	–	–	–	1
		Fe.	308			4	–	–	–	–	–
Falmouth	2,211	Ma.	1,052	1·75	49	22	2	1	–	–	–
		Fe.	1,159			27	2	–	–	–	–
Harwich	3,355	Ma.	1,690	1·66	57	31	3	1	1	3	–
		Fe.	1,665			25	1	2	1	2	–
		Un.	.	.	.	1	1	–	–	–	–
Mashpee	278	Ma.	139	1·81	6	4	–	–	–	–	–
		Fe.	139			2	1	–	–	–	–
Orleans	1,373	Ma.	646	2·93	46	26	4	–	–	–	–
		Fe.	727			20	–	–	1	–	–
Provincetown	4,357	Ma.	2,170	1·52	69	45	14	2	1	–	1
		Fe.	2,187			24	2	1	–	1	1
Sandwich	3,417	Ma.	1,648	2·07	64	38	1	1	–	2	–
		Fe.	1,769			26	1	1	1	–	–
Truro	1,098	Ma.	534	1·65	21	11	1	3	–	1	–
		Fe.	564			10	–	–	–	1	–
Wellfleet	1,988	Ma.	1,012	1·41	30	14	1	1	–	–	–
		Fe.	976			16	–	–	–	–	–
Yarmouth	2,264	Ma.	1,097	1·67	35	16	1	1	2	–	–
		Fe.	1,167			19	1	1	1	1	–
Berkshire Co.	68,270	Tot.	68,270	1·57	.	978	141	42	31	22	11
		Ma.	33,685	.	978	449	80	20	15	17	5
		Fe.	34,585	.	.	525	57	22	16	5	6
		Un.	.	.	.	4	4	–	–	–	–
Adams †	15,760	Ma.	7,775	2·80	119	44	7	5	2	1	–
		Fe.	7,985			75	8	7	5	1	1
Alford	389	Ma.	185	·73	3	–	–	–	–	–	–
		Fe.	204			3	–	–	–	–	–
Becket	1,329	Ma.	699	1·56	20	11	3	–	–	–	–
		Fe.	630			8	–	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Cheshire	1,693	Ma.	876	1·76	24	14	5	–	2	–	1
		Fe.	817			10	2	–	–	–	1

* Percentage to estimated population. † Including North Adams to April 16.

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
31	22	21	23	21	25	35	24	18	17	19	29	34	43	44	34	25	9	1	10
16	10	8	11	8	12	17	13	9	7	10	18	19	21	22	14	9	4	-	9
15	12	13	12	13	13	18	11	9	10	9	11	15	22	22	20	16	5	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	3	-	-	2	3	1	1	-	1	3	2	4	3	-	-	-	-
-	4	2	3	-	2	3	1	-	2	1	-	3	6	6	5	3	-	-	-
2	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	1	-	-	-
1	-	-	1	-	1	-	-	-	1	1	-	-	3	2	1	1	-	-	-
-	1	-	1	1	1	-	1	2	1	2	2	1	1	1	1	1	-	-	-
2	1	1	1	3	-	1	3	-	-	3	-	-	-	2	1	1	2	-	-
3	-	-	1	1	3	1	1	2	1	2	3	2	-	-	1	1	-	-	-
5	1	1	-	-	1	2	1	1	1	1	2	-	2	4	1	-	1	-	-
-	-	-	-	1	-	-	-	-	-	-	1	2	1	2	-	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-
-	-	-	1	1	-	2	1	1	-	-	-	3	2	3	2	2	1	-	-
-	1	-	1	-	-	5	1	2	-	1	1	-	2	1	4	5	-	-	1
6	3	1	1	-	1	3	1	1	-	-	2	-	2	2	-	-	-	-	-
1	2	2	2	1	2	1	1	1	1	-	-	1	2	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	-	-	-	1	3	2	1	2	1	-	-	2	1	-	1	-	-	3
4	1	2	-	1	1	-	-	1	1	-	2	1	1	2	2	-	-	-	-
-	2	3	-	2	2	4	-	-	-	1	-	2	1	-	3	-	1	-	6
-	-	1	3	1	1	2	1	1	2	1	1	1	-	-	2	2	-	-	-
-	1	2	1	1	2	-	2	1		2	7	2	7	3	2	-	1	-	-
-	-	1	-	-	2	2	3	3	-	-	2	4	2	1	1	2	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-	1	1	1	1	-	-	-	-
-	1	1	-	1	1	-	-	-	-	-	-	1	-	1	-	-	2	1	-
1	-	-	3	1	2	1	-	-	-	1	-	1	1	1	-	-	-	-	-
2	1	1	1	1	1	1	-	-	1	-	-	2	2	1	1	1	-	-	-
1	-	-	-	-	-	-	2	-	-	-	2	-	1	2	1	2	1	-	-
-	-	1	-	3	1	1	-	-	1	1	3	2	1	1	-	-	-	-	-
47	34	47	42	60	28	31	31	31	34	38	41	55	53	67	42	29	9	1	11
23	12	20	14	16	14	12	14	14	14	19	21	27	25	28	18	11	4	1	5
24	22	27	28	44	14	19	17	17	20	19	20	28	28	39	24	18	5	-	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2	1	1	3	2	3	1	-	2	3	2	1	1	4	-	1	1	-	-
3	3	5	2	6	3	1	3	4	2	4	3	5	3	3	1	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-
-	-	1	-	-	-	-	-	-	-	-	1	2	2	1	-	-	-	-	1
-	1	-	1	-	-	-	1	-	1	-	1	-	-	3	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	1	-
-	-	-	1	-	-	-	1	1	-	-	-	-	1	1	-	1	1	-	-

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Berkshire—Con.											
Clarksburg	670	Ma.	351	1·85	12	5	3	1	–	–	–
		Fe.	319			7	1	–	–	–	–
Dalton	1,759	Ma.	815	1·83	32	16	2	–	–	–	1
		Fe.	944			15	5	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Egremont	890	Ma.	434	1·69	17	7	–	–	–	–	–
		Fe.	456			10	–	–	–	–	–
Florida	572	Ma.	306	·88	4	2	1	–	–	–	–
		Fe.	266			2	–	–	–	–	–
Gt. Barrington	4,385	Ma.	2,046	1·25	55	21	3	1	–	–	1
		Fe.	2,339			34	2	2	1	–	–
Hancock	730	Ma.	376	·99	7	2	–	–	–	–	–
		Fe.	354			5	2	–	–	–	–
Hinsdale	1,571	Ma.	759	1·49	23	13	1	1	–	1	–
		Fe.	812			10	4	1	–	–	–
Lanesborough	1,357	Ma.	691	1·67	21	6	–	2	–	1	–
		Fe.	666			15	1	–	–	–	–
Lee	3,900	Ma.	1,865	1·61	64	23	2	1	1	2	–
		Fe.	2,035			41	5	3	1	–	1
Lenox	1,845	Ma.	934	1·40	25	11	1	–	1	–	–
		Fe.	911			14	–	1	–	–	1
Monterey	703	Ma.	366	·66	5	3	1	–	–	–	–
		Fe.	337			2	–	–	–	–	–
Mt. Washingt'n	182	Ma.	89	1·02	2	1	–	–	–	–	–
		Fe.	93			1	–	–	–	–	–
New Ashford	160	Ma.	87	·48	1	–	–	–	–	–	–
		Fe.	73			1	–	–	–	–	–
New Marlboro'	2,037	Ma.	1,051	1·88	36	22	2	1	1	–	1
		Fe.	986			14	–	1	–	1	–
North Adams*	–	Ma.	–	1·27	98	47	9	3	–	3	–
		Fe.	–			49	7	1	2	2	–
		Un.	.	.	.	2	2	–	–	–	–
Otis	855	Ma.	429	·96	8	5	–	1	–	–	–
		Fe.	426			3	–	–	–	–	–
Peru	443	Ma.	243	1·92	9	4	2	–	1	–	–
		Fe.	200			5	2	–	–	–	–
Pittsfield	12,267	Ma.	5,799	1·64	185	96	20	2	3	8	–
		Fe.	6,468			89	8	2	4	–	1
Richmond	1,141	Ma.	564	1·32	12	5	–	–	–	–	1
		Fe.	577			7	–	–	1	1	–
Sandisfield	1,172	Ma.	603	1·12	13	8	–	–	–	–	–
		Fe.	569			5	1	–	–	–	–
Savoy	730	Ma.	385	·79	6	3	1	–	–	–	–
		Fe.	345			3	–	–	–	–	–

* Included in Adams to April 16. Incorporated April 16, 1878.

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	2
2	-	-	-	-	-	-	1	-	-	1	1	1	2	4	1	-	-	-	-
2	-	-	-	4	-	1	-	1	1	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
1	1	-	-	-	-	1	-	-	-	1	-	-	1	-	1	-	-	-	1
-	-	-	-	1	-	-	1	-	1	1	-	1	1	3	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	2	1	1	2	-	-	1	1	-	1	4	-	1	1	1	-	-	-
1	3	4	2	5	2	2	1	1	-	1	-	-	3	1	1	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-
1	-	-	-	-	2	-	-	-	1	1	1	1	-	2	-	1	-	-	-
1	-	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
-	1	-	-	3	-	-	-	-	3	2	-	1	-	3	1	-	-	-	-
2	-	1	-	-	-	-	1	2	1	-	2	5	1	1	-	-	1	-	-
3	1	1	-	2	2	1	4	1	-	2	2	4	4	2	1	1	-	-	-
1	1	-	-	-	1	1	-	-	1	-	-	3	-	1	-	-	-	-	-
-	1	-	1	2	-	1	-	-	-	-	3	-	1	-	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	1	1	-	-	-	1	1	-	1	1	-	-	4	2	1	-	-	-
-	-	1	2	2	-	1	-	-	-	-	1	2	-	-	1	1	-	-	1
3	-	7	2	1	1	1	2	1	1	1	2	2	3	2	1	-	1	-	1
3	1	3	4	4	-	2	2	2	1	2	2	3	-	2	-	3	1	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-
7	4	2	3	5	2	3	5	3	3	4	4	2	6	-	6	3	1	-	-
6	7	4	7	7	3	5	2	3	3	1	3	4	7	6	2	3	-	-	1
-	-	-	-	-	1	-	-	2	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	2	-	-	-	-
1	1	-	-	1	-	-	-	-	-	1	-	1	1	1	1	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-

Digitized by Google

TABLE VII. — CONTINUED.

COUNTIES AND TOWNS.	POPULATION—1875.			DEATHS.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	SEX.		Per ct. to Pop.	Persons.	Sex.					
Berkshire—Con.											
Sheffield	2,233	Ma.	1,099	1·82	39	16	4	–	–	1	–
		Fe.	1,134			23	1	–	2	–	–
Stockbridge	2,089	Ma.	1,013	1·23	28	14	2	–	1	–	–
		Fe.	1,076			14	1	–	–	–	–
Tyringham	517	Ma.	253	1·53	9	3	1	–	–	–	–
		Fe.	264			6	–	1	–	–	–
Washington	603	Ma.	322	·73	4	3	–	–	–	–	–
		Fe.	281			1	–	–	–	–	–
W. Stockbridge	1,981	Ma.	1,059	1·40	25	14	4	–	–	–	–
		Fe.	922			11	1	–	–	–	–
Williamstown	3,683	Ma.	1,871	1·87	55	23	5	2	2	–	–
		Fe.	1,812			32	5	3	–	–	1
Windsor	624	Ma.	340	2·03	17	7	1	–	1	–	–
		Fe.	284			10	1	–	–	–	–
BRISTOL CO.	131,087	Tot.	131,087	1·98	.	2,655	523	206	92	83	58
		Ma.	63,362	.	2,655	1,285	288	100	50	40	29
		Fe.	67,725	.	.	1,367	232	106	42	43	29
		Un.	.	.	.	3	3	–	–	–	–
Acushnet	1,059	Ma.	530	2·35	25	13	–	–	–	–	–
		Fe.	529			11	3	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Attleborough	9,224	Ma.	4,578	1·48	149	63	10	3	1	1	4
		Fe.	4,646			86	18	5	2	1	1
Berkley	781	Ma.	380	1·03	9	5	–	–	–	–	–
		Fe.	401			4	–	–	–	–	–
Dartmouth	3,434	Ma.	1,738	2·00	64	32	7	–	1	–	1
		Fe.	1,696			32	3	–	1	1	–
Dighton	1,755	Ma.	853	1·59	29	11	3	1	1	–	–
		Fe.	902			18	1	–	–	–	–
Easton	3,898	Ma.	1,987	1·34	51	20	10	–	–	–	–
		Fe.	1,911			31	6	2	1	–	2
Fairhaven	2,768	Ma.	1,306	2·24	65	32	1	3	4	1	–
		Fe.	1,462			33	3	2	2	1	–
Fall River	45,340	Ma.	21,686	2·28	1,054	510	156	58	25	25	10
		Fe.	23,654			543	131	65	20	27	14
		Un.	.	.	.	1	1	–	–	–	–
Freetown	1,396	Ma.	667	1·21	17	10	–	–	1	–	–
		Fe.	729			7	2	–	–	–	–
Mansfield	2,656	Ma.	1,301	1·67	45	26	4	2	–	–	1
		Fe.	1,355			19	3	–	–	–	–
New Bedford	25,895	Ma.	12,144	2·08	561	271	57	22	11	5	6
		Fe.	13,751			290	40	21	9	3	6
Norton	1,595	Ma.	770	1·46	25	10	2	–	–	–	–
		Fe.	825			15	–	–	–	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
1	–	1	–	1	–	–	–	1	–	1	–	–	1	2	1	2	–	–	–
–	3	1	1	1	–	2	–	2	2	–	1	1	–	1	3	2	–	–	–
–	–	–	3	2	–	1	1	–	–	–	–	1	–	1	1	1	–	–	–
–	–	1	–	2	–	1	–	–	–	1	1	1	1	–	5	–	–	–	–
–	–	–	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
–	–	–	1	–	–	–	–	–	1	–	–	1	–	1	1	–	–	–	–
–	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–	–	–	–	1
–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	1	–	1	–	–	–	–	–	3	2	1	1	–	–	1	–	–	–	–
1	–	–	1	1	–	–	–	–	2	–	1	–	1	3	–	–	–	–	–
–	–	1	1	1	1	–	–	2	–	1	1	2	1	3	–	–	–	–	–
2	1	4	4	3	2	–	1	–	–	2	1	–	1	2	–	–	–	–	–
–	–	1	1	–	1	–	–	–	–	–	1	1	–	1	–	–	–	–	–
–	–	1	–	–	1	–	–	–	1	1	–	1	2	–	2	–	–	–	–
154	66	86	122	88	83	105	60	88	103	80	98	100	126	145	80	64	22	5	18
81	31	34	52	33	32	43	26	47	50	35	57	49	61	61	43	25	7	1	10
73	35	52	70	55	51	62	34	41	53	45	41	51	65	84	37	39	15	4	8
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	1	–	–	–	1	1	–	–	–	–	–	3	1	2	3	–	1	–	–
–	–	–	3	1	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	1	4	–	3	–	1	–	–	3	–	4	5	5	3	5	3	–	–	1
2	2	5	4	2	5	5	2	3	3	2	1	3	8	7	2	2	–	1	–
–	–	–	–	–	–	–	–	–	1	–	–	–	1	2	–	1	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	1	–	2	–	–	–	–	–
–	2	1	1	–	1	–	–	2	1	2	1	1	1	2	5	2	1	–	–
–	1	–	1	2	–	3	2	2	2	2	–	3	2	4	–	2	–	1	–
–	–	–	–	1	–	–	–	–	–	–	1	1	–	2	–	–	1	–	–
–	–	1	2	–	2	2	–	2	–	–	–	3	–	3	–	2	–	–	–
1	–	–	–	–	–	–	–	2	1	–	2	1	1	1	1	–	–	–	–
2	–	1	4	1	2	1	–	2	1	–	–	2	2	1	1	–	–	–	–
3	–	1	2	1	1	3	–	–	3	1	1	–	3	3	–	1	–	–	–
3	1	1	–	1	–	2	1	1	–	1	4	1	3	4	1	–	1	–	–
27	19	13	17	11	6	16	13	20	19	13	19	17	8	10	4	2	–	–	2
31	13	20	28	27	13	20	13	15	21	13	9	15	16	15	6	5	3	–	3
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	1	–	–	–	–	–	1	–	–	1	3	2	–	1	–	–	–
–	–	–	–	–	–	1	–	1	–	–	–	–	–	1	1	1	–	–	–
1	–	–	1	2	1	1	1	–	–	1	2	–	3	4	1	1	–	–	–
2	2	–	1	1	1	1	–	2	2	–	–	1	–	1	–	2	–	–	–
23	5	5	15	9	11	10	3	7	10	14	9	7	16	6	9	6	–	–	5
21	7	13	13	9	14	15	6	7	16	9	10	11	12	17	11	8	5	2	5
1	–	–	–	1	–	–	–	–	1	–	1	1	–	1	2	–	–	–	–
1	–	–	–	1	–	–	–	1	2	2	1	2	1	3	1	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Bristol—Con.											
Raynham	1,687	Ma.	847	1·44	25	16	2	–	–	–	1
		Fe.	840			9	–	1	–	–	–
Rehoboth	1,827	Ma.	909	1·63	31	12	–	1	–	–	–
		Fe.	918			19	4	–	1	–	1
Seekonk	1,167	Ma.	595	1·71	20	10	1	–	–	–	–
		Fe.	572			10	1	–	–	–	–
Somerset	1,940	Ma.	987	1·68	37	22	4	1	–	1	1
		Fe.	953			14	1	1	–	–	1
		Un.	.	.	.	1	1	–	–	–	–
Swanzey	1,308	Ma.	662	1.32	18	10	–	–	–	1	–
		Fe.	646			8	–	–	–	–	–
Taunton	20,445	Ma.	9,950	1·89	378	184	26	9	5	6	4
		Fe.	10,495			194	15	7	6	10	4
Westport	2,912	Ma.	1,472	1·76	52	28	5	–	1	–	1
		Fe.	1,440			24	1	2	–	–	–
Dukes Co.	4,071	Tot.	4,071	1·98	.	88	9	2	1	2	–
		Ma.	1,949	.	88	46	4	1	1	1	–
		Fe.	2,122	.	.	41	4	1	–	1	–
		Un.	.	.	.	1	1	–	–	–	–
Chilmark	508	Ma.	252	1·19	7	4	–	–	1	–	–
		Fe.	256			2	–	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Edgartown	1,707	Ma.	816	2·76	54	28	4	1	–	1	–
		Fe.	891			26	3	–	–	1	–
Gay Head	216	Ma.	103	2·14	3	2	–	–	–	–	–
		Fe.	113			1	–	–	–	–	–
Gosnold	115	Ma.	65	2·27	3	2	–	–	–	–	–
		Fe.	50			1	–	–	–	–	–
Tisbury	1,525	Ma.	713	1·28	21	10	–	–	–	–	–
		Fe.	812			11	1	1	–	–	–
Essex Co.	223,342	Tot.	223,342	1·93	.	4,383	880	261	149	118	92
		Ma.	106,001	.	4,383	2,127	504	136	64	57	46
		Fe.	117,341	.	.	2,253	373	125	85	61	46
		Un.	.	.	.	3	3	–	–	–	–
Amesbury	5,987	Ma.	2,919	1·40	45	21	2	3	–	–	–
		Fe.	3,068			24	2	–	2	–	–
Andover	5,097	Ma.	2,381	2·15	96	49	6	1	–	–	–
		Fe.	2,716			47	4	2	1	2	4
Beverly	7,271	Ma.	3,478	1·92	147	72	16	3	2	4	1
		Fe.	3,793			75	11	7	3	4	4
Boxford	834	Ma.	421	2·37	22	10	2	–	–	–	–
		Fe.	413			12	1	–	–	–	–
Bradford	2,347	Ma.	1,067	1·65	40	18	4	–	1	–	–
		Fe.	1,280			22	4	–	1	1	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
1	–	1	1	–	–	2	–	1	–	–	–	1	3	1	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	–	3	2	2	–	–	–
2	1	–	2	–	–	–	–	–	–	1	–	1	–	3	1	–	–	–	–
–	–	1	1	1	–	–	1	–	1	1	2	–	1	2	–	1	1	–	–
1	–	–	–	–	–	–	–	1	1	–	–	–	–	2	–	3	–	–	1
1	1	–	–	–	1	–	–	–	–	–	–	2	1	1	1	1	–	–	–
–	–	2	1	–	–	1	1	2	1	–	1	2	1	1	–	1	1	–	–
1	–	–	2	–	1	–	–	–	–	–	2	1	2	1	–	–	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	1	1	–	–	–	1	–	–	–	–	–	2	2	2	–	–	–	–
–	–	1	–	–	–	–	1	1	–	–	1	–	–	3	1	–	–	–	–
14	2	5	9	5	9	7	7	12	8	3	11	8	11	9	6	3	3	1	1
8	8	9	9	8	12	11	8	4	4	14	7	4	15	12	5	11	3	–	–
1	–	1	1	–	2	1	–	–	–	–	5	–	2	5	3	–	–	–	–
1	–	–	2	1	–	–	–	–	1	1	2	1	2	3	4	2	1	–	–
1	–	4	3	2	2	7	2	5	2	3	6	4	6	5	9	6	4	–	3
–	–	1	3	–	2	3	1	4	1	1	5	3	3	2	2	3	2	–	3
1	–	3	–	2	–	4	1	1	1	2	1	1	3	3	7	3	2	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	1
–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	1	1	–	–	3	–	3	1	1	3	2	3	–	1	2	1	–	–
1	–	2	–	2	–	2	1	1	–	2	1	1	–	1	4	2	2	–	–
–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1
–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–
–	–	–	2	–	2	–	–	1	–	–	2	1	–	1	–	1	–	–	–
–	–	–	–	–	–	2	–	–	–	–	–	–	3	1	2	1	–	–	–
251	94	142	201	186	196	151	145	136	133	165	159	169	202	220	151	89	40	7	46
117	46	50	80	76	88	68	61	64	65	76	80	88	94	111	74	32	13	1	36
134	48	92	121	110	108	83	84	72	68	89	79	81	108	109	77	57	27	6	10
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	2	–	–	–	1	1	1	2	–	–	–	3	2	1	1	–	–	–	–
–	–	1	1	–	2	2	1	3	–	1	1	2	2	1	1	–	1	–	1
3	–	–	–	–	–	1	2	3	2	4	6	3	2	8	5	2	1	–	–
1	2	–	1	3	–	–	1	–	4	4	1	1	4	6	2	4	–	–	–
6	3	5	2	3	1	2	2	2	3	2	2	2	2	4	–	3	1	–	1
5	1	1	3	3	5	1	2	–	–	7	3	2	3	6	–	1	2	1	–
–	–	–	1	–	–	1	–	1	–	1	1	–	1	1	1	–	–	–	–
–	–	–	1	–	–	1	–	1	–	1	–	2	–	–	–	2	3	–	–
–	–	1	–	–	–	1	2	–	1	–	2	–	–	3	1	–	–	–	2
1	1	–	2	3	–	1	–	2	–	1	–	1	1	–	1	2	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Essex—Con.											
Danvers	6,024	Ma.	3,062	1·96	117	47	6	3	1	–	–
		Fe.	2,962			70	15	2	1	1	–
Essex	1,713	Ma.	859	1·49	28	11	–	1	–	1	–
		Fe.	854			17	1	–	–	1	–
Georgetown	2,214	Ma.	1,079	1·89	51	24	2	1	–	2	–
		Fe.	1,135			27	3	2	1	1	–
Gloucester	16,754	Ma.	8,576	2·09	345	187	48	2	8	3	3
		Fe.	8,178			157	38	7	6	1	5
		Un.	.	.	.	1	1	–	–	–	–
Groveland	2,084	Ma.	1,026	2·23	48	28	4	1	1	2	2
		Fe.	1,058			20	1	2	–	–	–
Hamilton	797	Ma.	386	·99	9	4	1	–	–	–	–
		Fe.	411			4	–	–	–	1	–
		Un.	.	.	.	1	1	–	–	–	–
Haverhill	14,628	Ma.	6,897	1·91	328	158	47	16	3	7	6
		Fe.	7,731			170	25	13	15	4	5
Ipswich	3,674	Ma.	1,796	2·03	69	25	3	1	1	–	1
		Fe.	1,878			44	3	1	–	–	–
Lawrence	34,916	Ma.	15,810	2·44	832	404	130	37	15	13	11
		Fe.	19,106			428	101	32	23	11	7
Lynn	32,600	Ma.	15,277	1·80	627	282	69	22	8	10	8
		Fe.	17,323			345	60	20	13	11	10
Lynnfield	769	Ma.	362	·99	8	5	–	–	–	–	–
		Fe.	407			3	–	–	–	–	–
Manchester	1,560	Ma.	774	1·56	27	10	4	1	–	–	–
		Fe.	786			17	3	1	–	1	–
Marblehead	7,677	Ma.	3,773	1·43	117	62	13	1	1	2	–
		Fe.	3,904			55	10	2	3	1	–
Merrimac*	–	Ma.	–	1·46	36	19	5	2	–	–	–
		Fe.	–			17	1	1	1	–	–
Methuen	4,205	Ma.	1,981	1·46	62	36	9	2	–	–	1
		Fe.	2,224			26	1	3	–	1	3
Middleton	1,092	Ma.	562	1·11	12	7	1	1	–	–	–
		Fe.	530			5	–	–	–	–	–
Nahant	766	Ma.	340	1·00	8	5	–	1	–	–	–
		Fe.	426			3	1	–	–	–	–
Newbury	1,426	Ma.	730	1·46	20	12	1	1	–	–	–
		Fe.	696			8	–	–	–	–	–
Newburyport	13,323	Ma.	5,971	1·17	260	130	31	10	3	2	–
		Fe.	7,352			129	16	4	1	1	1
		Un.	.	.	.	1	1	–	–	–	–
No. Andover	2,981	Ma.	1,463	1·42	43	24	6	1	1	1	–
		Fe.	1,518			19	5	1	1	–	–
Peabody	8,066	Ma.	3,988	2·60	176	71	19	3	7	1	3
		Fe.	4,078			105	24	9	5	7	1

* Incorporated April 11, 1876.

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
2	3	–	2	–	1	3	1	1	4	1	3	3	2	4	2	3	–	–	2
2	–	2	8	1	4	5	9	4	1	3	–	1	3	5	1	2	–	–	–
–	–	–	–	1	–	–	–	–	–	–	–	2	2	2	2	–	–	–	–
1	1	1	–	3	–	1	2	1	–	–	–	–	1	–	3	1	–	–	–
2	2	–	1	1	–	3	–	–	–	2	1	1	2	2	2	–	–	–	–
5	–	1	1	1	2	–	–	1	1	1	–	–	1	2	2	1	1	–	–
6	1	6	10	12	13	6	8	3	2	9	6	3	7	3	3	2	–	–	23
6	4	8	6	8	10	6	4	7	6	–	4	5	4	8	3	4	3	1	3
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	1	–	1	1	1	–	2	1	–	1	1	2	1	–	1	–	2
5	4	2	–	–	–	1	1	1	1	1	–	–	–	–	–	–	–	–	1
–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	–	–	–	–	–
–	–	–	1	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	3	2	2	5	9	4	4	6	3	3	6	3	6	2	3	2	1	–	–
10	4	7	11	10	6	11	6	7	5	5	4	6	3	4	6	2	–	1	–
2	–	–	2	1	1	–	1	2	–	1	2	1	1	3	1	1	–	–	–
2	2	5	–	2	2	2	–	3	–	3	1	2	3	4	2	3	4	–	–
21	7	10	20	14	12	10	9	16	10	13	12	15	11	8	4	1	2	–	3
26	9	24	30	21	24	17	12	11	13	13	10	8	17	7	3	5	–	1	3
16	10	6	13	10	13	11	8	7	9	9	6	9	11	8	12	2	2	–	3
23	9	13	22	18	15	13	9	11	11	10	14	9	17	13	11	9	3	–	1
1	–	–	–	–	–	–	2	–	–	–	–	–	–	2	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	–	–	–
–	–	–	1	–	–	–	–	–	–	1	–	–	2	–	1	–	–	–	–
–	–	1	1	3	1	–	2	–	–	1	–	1	2	–	–	–	–	–	–
3	–	1	4	4	5	–	4	2	1	3	3	4	2	2	5	1	–	1	–
3	1	–	3	1	5	–	4	2	1	–	1	2	3	8	4	1	–	–	–
–	–	1	1	–	3	1	–	–	–	1	–	–	2	1	1	1	–	–	–
1	–	1	3	2	1	–	2	–	1	–	–	3	–	–	–	–	–	–	–
4	–	2	–	–	1	1	1	1	–	–	2	3	2	2	4	–	1	–	–
1	1	2	2	2	–	–	–	–	1	1	3	1	1	1	2	–	–	–	–
3	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–
1	–	–	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	1	–
–	–	–	–	–	1	–	–	1	–	–	–	–	1	1	–	–	–	–	–
–	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
–	–	1	–	1	–	–	–	3	1	–	1	–	1	–	2	–	–	–	–
–	–	1	–	–	1	2	–	–	–	1	1	–	–	–	2	–	–	–	–
4	2	2	3	6	3	3	3	3	10	4	11	6	7	10	3	3	1	–	–
4	–	1	7	7	10	3	3	1	3	8	4	9	12	16	9	7	2	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	1	1	1	1	–	1	–	1	1	2	2	–	2	–	–	–	–
1	1	1	–	1	2	1	–	–	1	–	2	–	1	–	1	–	–	–	–
8	2	1	3	3	3	2	1	1	1	1	5	–	1	4	1	1	–	–	–
11	1	7	3	3	1	1	2	6	6	1	5	2	4	2	2	1	1	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Essex — Con.											
Rockport . .	4,480	Ma.	2,240	1·87	77	42	6	4	1	2	–
		Fe.	2,240			35	6	1	1	1	1
Rowley . .	1,162	Ma.	602	1·19	16	8	1	1	–	–	–
		Fe.	560			8	1	–	–	–	1
Salem . .	25,958	Ma.	11,808	1·99	513	247	49	13	11	2	7
		Fe.	14,150			266	29	11	7	10	2
Salisbury .	4,078	Ma.	1,960	1·61	66	39	5	3	–	5	2
		Fe.	2,118			27	1	2	–	1	1
Saugus . .	2,578	Ma.	1,267	1·26	31	15	5	–	–	–	–
		Fe.	1,311			16	2	–	–	–	–
Swampscott .	2,128	Ma.	1,036	1·36	33	15	5	–	–	–	1
		Fe.	1,092			18	2	1	–	–	–
Topsfield . .	1,221	Ma.	616	1·52	20	12	1	–	–	–	–
		Fe.	605			8	–	–	–	–	1
Wenham . .	911	Ma.	453	2·43	24	11	1	–	–	–	–
		Fe.	458			13	2	–	–	–	–
West Newbury	2,021	Ma.	1,041	1·38	30	17	2	1	–	–	–
		Fe.	980			13	–	1	–	–	–
Franklin Co.	33,696	Tot.	33,696	1·35	.	488	75	12	7	10	2
		Ma.	16,925	.	488	239	43	5	4	6	1
		Fe.	16,771	.	.	247	30	7	3	4	1
		Un.	.	.	.	2	2	–	–	–	–
Ashfield . .	1,190	Ma.	590	1·08	13	5	–	–	–	–	–
		Fe.	600			8	–	–	–	–	–
Bernardston .	991	Ma.	478	1·56	15	9	–	–	–	–	–
		Fe.	513			6	1	–	–	–	–
Buckland .	1,921	Ma.	1,032	1·05	20	11	2	–	1	–	–
		Fe.	889			9	3	–	–	–	–
Charlemont .	1,029	Ma.	528	1·64	18	10	1	–	–	–	–
		Fe.	501			8	–	–	–	–	–
Colerain . .	1,699	Ma.	841	·89	15	3	–	–	1	–	–
		Fe.	858			12	–	1	–	–	–
Conway . .	1,452	Ma.	743	1·57	25	13	1	–	–	–	–
		Fe.	709			12	–	1	–	–	–
Deerfield . .	3,414	Ma.	1,702	1·26	38	18	–	–	–	1	–
		Fe.	1,712			18	2	–	–	–	–
		Un.	.	.	.	2	2	–	–	–	–
Erving . .	794	Ma.	424	·98	9	7	1	–	–	–	–
		Fe.	370			2	–	–	–	–	–
Gill . . .	673	Ma.	335	·87	7	2	–	–	–	–	–
		Fe.	338			5	–	–	–	–	–
Greenfield .	3,540	Ma.	1,653	1·59	60	28	6	–	–	2	–
		Fe.	1,887			32	2	1	–	4	1

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
3	–	–	–	–	2	4	–	2	–	2	1	3	2	5	4	–	1	–	–
1	1	3	1	2	3	2	2	2	1	2	1	1	2	–	1	–	–	–	–
1	–	–	–	–	–	–	–	–	–	–	–	3	–	1	1	–	–	–	–
1	–	1	1	1	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–
7	6	10	11	9	15	10	10	3	12	14	6	9	14	16	5	7	1	–	–
21	3	5	11	13	6	9	17	7	9	17	16	16	13	19	12	8	5	–	–
2	1	–	–	1	1	–	–	1	1	1	–	3	2	7	2	1	1	–	–
–	2	–	–	1	3	1	1	–	2	1	1	3	2	2	3	–	–	–	–
–	1	–	–	2	1	1	–	–	1	–	–	1	1	1	1	–	–	–	–
–	–	–	–	–	3	–	2	1	–	2	1	–	1	2	–	2	–	–	–
–	1	2	–	–	–	1	–	1	1	1	–	2	–	–	–	–	–	–	–
1	–	–	1	1	1	1	1	–	1	1	1	2	1	1	1	–	–	1	–
–	–	–	1	2	–	–	–	–	1	–	1	–	2	1	2	1	–	–	–
–	–	1	–	–	–	–	1	–	–	–	1	1	1	1	–	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	4	1	3	2	–	–	–	–
–	–	2	–	–	–	–	–	1	–	1	3	–	1	–	1	–	1	–	1
1	2	–	1	–	–	–	1	2	–	–	2	2	–	2	–	1	–	–	–
1	–	1	–	–	1	2	–	–	–	2	–	–	1	–	2	1	1	–	–
14	11	11	21	13	17	18	12	16	10	20	25	28	35	43	38	29	8	3	10
8	3	5	13	4	5	2	7	5	6	15	9	12	14	20	19	20	3	3	7
6	8	6	8	9	12	16	5	11	4	5	16	16	21	23	19	9	5	–	3
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	1	–
1	–	–	–	–	1	–	–	–	–	–	1	–	1	3	–	–	1	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	2	1	3	–	–	2	–
–	–	1	–	–	–	–	1	–	–	–	–	1	1	–	–	1	–	–	–
1	–	1	–	–	–	–	1	–	–	1	1	–	1	1	–	1	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	1	2	–	2	–	–	–	–
–	–	–	1	–	–	–	–	–	–	–	–	2	2	1	1	2	–	–	–
–	1	–	–	–	–	–	–	–	–	–	1	2	1	1	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
1	–	–	–	–	2	–	–	1	–	–	2	–	1	2	–	–	2	–	–
–	–	–	2	1	–	–	–	1	1	2	–	–	1	1	1	2	–	–	–
–	–	–	1	–	2	–	–	1	1	–	–	4	–	1	–	–	1	–	–
–	1	–	3	1	–	–	–	1	–	2	2	–	–	2	3	1	1	–	–
1	–	1	2	1	–	5	–	–	–	–	–	1	–	3	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	1	–	–	–	–	–	1	–	1	–	1	–	–	1	–	–	–	–	–
–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–
1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–
–	–	–	1	–	1	–	–	–	–	–	1	1	–	–	1	–	–	–	–
–	–	–	3	1	2	1	2	–	–	4	1	1	2	1	1	1	–	–	–
–	2	–	–	1	1	1	–	3	–	1	1	2	4	2	4	1	–	–	1

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Franklin—Con.											
Hawley . .	588	Ma.	314	1·01	7	3	–	–	–	–	–
		Fe.	274			4	–	–	1	–	–
Heath . .	545	Ma.	261	1·03	6	3	–	–	–	–	–
		Fe.	284			3	–	–	–	–	–
Leverett . .	831	Ma.	426	1·70	15	7	1	–	–	–	1
		Fe.	405			8	–	–	–	–	–
Leyden . .	524	Ma.	260	1·77	8	3	–	–	–	–	–
		Fe.	264			5	1	–	–	–	–
Monroe . .	190	Ma.	111	2·66	5	4	–	–	–	–	–
		Fe.	79			1	–	–	–	–	–
Montague .	3,380	Ma.	1,743	1·61	63	28	13	2	–	1	–
		Fe.	1,637			35	10	3	–	–	–
New Salem .	923	Ma.	446	1·40	14	5	–	1	–	–	–
		Fe.	477			9	–	–	–	–	–
Northfield .	1,641	Ma.	801	1·46	27	14	3	1	–	–	–
		Fe.	840			13	3	–	1	–	–
Orange . .	2,497	Ma.	1,239	1·23	42	21	4	1	1	2	–
		Fe.	1,258			21	3	–	–	–	–
Rowe . .	661	Ma.	379	2·41	14	10	2	–	–	–	–
		Fe.	282			4	–	–	–	–	–
Shelburne .	1,590	Ma.	785	1·19	20	10	2	–	1	–	–
		Fe.	805			10	3	–	1	–	–
Shutesbury .	558	Ma.	260	1·42	8	3	–	–	–	–	–
		Fe.	298			5	1	1	–	–	–
Sunderland .	860	Ma.	432	1·23	10	5	2	–	–	–	–
		Fe.	428			5	1	–	–	–	–
Warwick . .	744	Ma.	372	1·15	10	7	3	–	–	–	–
		Fe.	372			3	–	–	–	–	–
Wendell . .	503	Ma.	255	1·50	9	8	2	–	–	–	–
		Fe.	248			1	–	–	–	–	–
Whately . .	958	Ma.	515	·91	10	2	–	–	–	–	–
		Fe.	443			8	–	–	–	–	–
HAMPDEN CO.	94,304	Tot.	94,304	1·86	.	1,698	353	141	67	51	37
		Ma.	45,290	.	1,698	856	187	79	30	31	20
		Fe.	49,014	.	.	838	162	62	37	20	17
		Un.	.	.	.	4	4	–	–	–	–
Agawam . .	2,248	Ma.	1,106	2·30	52	32	10	2	2	2	2
		Fe.	1,142			18	4	1	1	–	–
		Un.	.	.	.	2	2	–	–	–	–
Blandford .	964	Ma.	483	1·69	19	8	–	–	–	1	–
		Fe.	481			11	1	–	–	–	–
Brimfield . .	1,201	Ma.	597	1·27	17	7	1	–	–	–	–
		Fe.	604			10	1	1	1	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	1	–	–	–
–	–	–	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–
–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–
–	–	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	–	–	1	3	–	–	–	–	–
–	1	–	–	–	–	–	–	–	–	1	1	–	2	–	1	–	–	–	2
–	–	–	–	–	–	–	–	–	–	–	–	1	–	2	–	–	–	–	–
1	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–
–	–	1	–	–	–	–	–	–	1	–	–	–	–	1	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
2	1	2	3	–	1	–	–	–	–	1	–	–	–	–	–	2	–	–	–
–	1	1	–	2	–	5	1	–	2	–	1	2	1	2	3	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	1	–	–	–
–	1	–	1	1	1	–	–	1	–	–	–	–	–	1	3	–	–	–	–
–	–	–	–	–	–	–	1	–	1	–	–	–	1	–	2	2	–	–	3
1	–	1	–	–	–	–	–	–	1	–	1	1	1	–	2	1	–	–	–
–	–	–	1	1	1	–	–	1	1	1	–	3	1	–	1	2	–	–	–
–	–	–	–	–	–	1	2	3	–	1	1	1	3	5	1	–	–	–	–
2	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	1	1	–	2
–	1	–	–	–	1	–	1	–	–	–	–	–	–	1	–	–	–	–	–
1	–	–	–	–	1	–	–	1	–	1	–	–	1	–	1	1	–	–	–
–	–	–	1	–	–	1	–	–	–	–	1	–	1	–	–	1	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	–	–	–	–	–
–	1	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	1	1	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	1	–	–	–
1	–	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–
–	–	–	–	–	–	–	1	–	–	–	1	1	–	–	–	–	1	–	2
–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–
–	–	–	–	3	–	–	–	1	–	–	3	–	1	–	–	–	–	–	–
99	37	53	97	78	51	62	61	56	46	52	56	60	81	59	51	32	7	3	8
55	25	20	47	31	20	26	25	25	26	31	30	28	43	32	29	10	2	–	4
44	12	33	50	47	31	36	36	31	20	21	26	32	38	27	22	22	5	3	4
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	1	–	2	1	–	–	–	–	–	1	1	1	–	3	3	–	–	–	–
–	1	1	1	–	–	2	1	–	1	–	–	1	1	1	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	–	–	1	1	–	–	–	–	–	1	–	1	1	–	–	–	1	–	–
1	1	–	–	3	1	–	–	–	–	–	–	1	2	–	–	1	–	–	–
–	–	–	–	–	–	–	–	–	1	–	1	2	–	2	–	–	–	–	–
1	–	–	1	–	–	2	–	–	–	1	–	–	1	1	–	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Hampden—Con.											
Chester	1,396	Ma.	715	1·35	21	13	2	-	-	1	-
		Fe.	681			8	-	-	-	-	-
Chicopee	10,335	Ma.	4,766	2·34	205	101	32	11	3	3	2
		Fe.	5,569			104	21	4	10	1	2
Granville	1,240	Ma.	629	1·13	15	6	-	-	-	-	-
		Fe.	611			9	1	-	-	-	-
Hampden *	-	Ma.	-	·81	7	3	1	-	-	-	-
		Fe.	-			4	-	-	-	-	-
Holland	334	Ma.	166	1·58	5	3	-	-	-	-	-
		Fe.	168			1	-	-	-	-	-
		Un.	.	.	.	1	1	-	-	-	-
Holyoke	16,260	Ma.	7,438	2·72	389	192	67	34	11	7	4
		Fe.	8,822			197	55	25	8	6	7
Longmeadow	1,467	Ma.	738	·82	12	5	1	1	-	-	-
		Fe.	729			7	-	1	-	-	-
Ludlow	1,222	Ma.	620	1·83	22	10	-	1	-	-	-
		Fe.	602			12	-	-	-	-	-
Monson	3,733	Ma.	1,890	2·44	82	39	6	4	1	4	1
		Fe.	1,843			43	2	2	4	5	1
State Prim. Sch. at Monson	-	Ma.	-	-	12	7	-	-	1	-	-
		Fe.	-			5	2	2	1	-	-
Montgomery	304	Ma.	154	·91	3	1	-	1	-	-	-
		Fe.	150			2	1	-	-	-	-
Palmer	4,572	Ma.	2,151	1·95	87	42	10	3	1	1	2
		Fe.	2,421			45	6	3	2	1	1
Russell	643	Ma.	315	1·87	12	8	2	-	-	-	-
		Fe.	328			4	1	2	-	-	-
Southwick	1,114	Ma.	578	1·09	14	8	-	-	-	-	-
		Fe.	536			5	-	-	-	-	-
		Un.	.	.	.	1	1	-	-	-	-
Springfield	31,053	Ma.	14,943	1·59	482	249	46	13	7	4	5
		Fe.	16,110			233	45	15	6	1	4
Tolland	452	Ma.	238	·60	3	3	-	-	1	-	1
		Fe.	214			-	-	-	-	-	-
Wales	1,020	Ma.	524	1·19	11	7	1	-	-	1	-
		Fe.	496			4	-	1	-	-	-
Westfield	8,431	Ma.	4,133	1·43	133	70	3	6	1	6	2
		Fe.	4,298			63	9	4	3	3	2
W. Springfield	3,739	Ma.	1,830	1·72	68	28	5	3	2	1	1
		Fe.	1,909			40	10	1	1	3	-
Wilbraham	2,576	Ma.	1,276	1·86	27	14	-	-	-	-	-
		Fe.	1,300			13	3	-	-	-	-
HAMPSHIRE	44,821	Tot.	44,821	1·73	.	740	123	38	11	9	8
		Ma.	21,589	.	740	357	66	20	1	6	5
		Fe.	23,232	.		382	56	18	10	3	3
		Un.	.	.	.	1	1	-	-	-	-

* Incorporated March 28, 1878.

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	–	1	–	–	–	–	1	–	–	1	–	1	2	1	–	2	–	–	1
–	–	1	–	3	–	–	–	2	–	–	–	1	–	1	–	–	–	–	–
4	4	3	4	3	3	4	–	1	3	4	1	6	4	4	2	–	–	–	–
8	–	2	5	4	5	6	6	4	–	4	4	4	6	3	2	–	2	1	–
–	–	–	1	–	–	–	–	–	1	1	1	–	1	–	1	–	–	–	–
–	–	–	–	1	–	–	–	–	–	–	–	–	3	–	–	4	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	2	1	–	–	1	–	–	–	–	–
–	–	–	1	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–
–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	3	6	10	7	2	4	3	3	3	2	3	2	3	3	3	3	1	–	–
6	3	10	16	8	7	7	11	8	3	2	4	2	2	3	2	2	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	–	–	–	–
–	–	–	–	1	–	–	–	–	–	1	–	–	2	1	1	–	–	–	–
1	–	1	1	–	–	–	–	–	–	–	2	–	1	2	–	–	–	–	1
–	1	–	1	1	2	–	2	–	1	–	–	1	–	–	2	1	–	–	–
6	2	–	2	–	1	1	2	1	1	–	1	1	3	–	2	–	–	–	–
6	2	2	2	1	1	2	3	–	1	–	1	3	2	–	1	2	–	–	–
4	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–		–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
5	1	2	–	1	–	1	3	1	2	3	–	1	2	1	–	1	–	–	1
2	–	3	3	2	1	–	2	1	1	3	3	2	1	1	1	2	1	–	3
1	–	–	1	–	–	2	–	–	–	–	–	1	–	–	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
2	–	–	1	1	–	–	–	–	–	–	2	–	–	1	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	2	–	1	–	–	2	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	6	3	20	11	11	9	10	13	12	15	10	9	15	7	7	3	–	–	–
11	2	7	13	13	10	10	9	14	10	6	10	12	11	10	9	3	–	2	–
–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	1	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–
–	–	–	–	–	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–
5	5	2	2	3	2	3	4	2	1	–	5	2	4	6	4	1	–	–	1
7	1	7	4	5	3	2	–	–	–	1	1	2	5	–	1	1	1	–	1
3	1	1	1	1	–	1	2	–	1	–	1	–	3	–	1	–	–	–	–
2	1	–	2	4	1	2	2	1	3	–	–	–	1	2	–	3	1	–	–
1	–	–	–	1	–	–	–	4	1	2	–	1	1	1	2	–	–	–	–
–	–	–	2	–	–	2	–	1	–	–	–	–	–	3	2	–	–	–	–
32	20	31	33	35	24	17	20	19	31	22	36	41	60	46	46	20	9	6	3
17	11	9	14	13	13	7	13	11	14	10	17	22	34	20	20	7	5	1	1
15	9	22	19	22	11	10	7	8	17	12	19	19	26	26	26	13	4	5	2
–	–	–	–	–	–	–	–	–	–	–	–	–		–	–	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Hampshire-Con.											
Amherst . .	3,937	Ma.	2,006	1·47	56	25	7	–	–	–	–
		Fe.	1,931			31	4	1	1	–	–
Belchertown .	2,315	Ma.	1,161	1·83	43	16	4	1	–	–	–
		Fe.	1,154			27	6	1	–	–	–
Chesterfield .	746	Ma.	375	2·08	18	12	2	1	–	–	–
		Fe.	371			6	–	–	–	–	–
Cummington .	916	Ma.	445	1·35	14	7	–	1	–	–	–
		Fe.	471			7	–	–	–	–	–
Easthampton .	3,972	Ma.	1,824	1·86	64	23	6	4	–	1	–
		Fe.	2,148			41	8	2	1	–	–
Enfield . .	1,065	Ma.	522	1·05	13	6	2	–	–	–	–
		Fe.	543			7	4	–	–	–	–
Goshen . .	349	Ma.	179	2·50	10	6	–	–	–	–	–
		Fe.	170			4	–	–	–	–	–
Granby . .	812	Ma.	410	1·10	10	5	–	–	–	–	–
		Fe.	402			5	–	–	–	–	–
Greenwich .	606	Ma.	287	1·64	12	4	–	–	–	–	–
		Fe.	319			7	–	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Hadley . .	2,125	Ma.	1,072	1·57	33	16	1	1	–	–	–
		Fe.	1,053			17	2	–	–	–	–
Hatfield . .	1,600	Ma.	836	1·59	24	9	2	–	–	–	–
		Fe.	764			15	1	3	–	–	–
Huntington .	1,095	Ma.	530	1·54	18	7	2	–	–	–	–
		Fe.	565			11	–	–	–	–	–
Middlefield .	603	Ma.	299	·79	5	3	1	–	–	–	–
		Fe.	304			2	–	–	–	–	–
Northampton .	11,108	Ma.	5,273	1·68	157	88	10	6	–	2	2
		Fe.	5,835			69	13	3	1	1	1
Pelham . .	633	Ma.	303	2·50	14	7	1	–	–	–	–
		Fe.	330			7	–	–	–	–	–
Plainfield .	481	Ma.	240	·79	5	3	–	–	–	–	–
		Fe.	241			2	–	–	–	–	–
Prescott . .	493	Ma.	249	·93	5	2	–	–	–	–	–
		Fe.	244			3	–	–	1	–	–
South Hadley .	3,370	Ma.	1,460	1·76	54	27	6	3	–	–	–
		Fe.	1,910			27	2	3	–	–	–
Southampton .	1,050	Ma.	524	1·79	21	12	–	–	–	–	–
		Fe.	526			9	1	–	1	–	1
Ware . .	4,142	Ma.	1,890	3·20	116	55	20	2	1	2	2
		Fe.	2,252			61	14	4	3	2	–
Westhampton .	556	Ma.	274	2·69	13	5	–	1	–	–	1
		Fe.	282			8	–	–	2	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
1	–	1	–	2	–	1	–	–	1	–	5	–	3	1	1	2	–	–	–
1	1	–	1	2	2	3	2	1	2	–	1	1	1	1	3	2	1	–	–
–	1	–	1	–	–	–	–	–	–	2	–	1	2	1	2	–	1	–	–
–	1	1	1	2	–	–	–	1	–	1	2	1	1	3	3	2	–	1	–
–	–	–	–	–	1	1	1	1	–	–	–	1	1	–	2	1	–	–	–
1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	–
–	–	–	–	–	–	–	–	–	2	–	1	1	1	–	1	–	–	–	–
–	–	1	–	–	–	–	–	1	1	2	–	–	1	–	1	–	–	–	–
–	–	1	–	–	2	1	1	–	1	–	–	–	4	1	1	–	–	–	–
1	1	2	5	5	1	–	1	1	1	2	–	2	4	1	1	2	–	–	–
–	1	–	–	1	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	1	–	–	1	–	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	–	–	–	2	–	1	1	1	–
–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	1	–	–	1	–
–	2	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–
–	–	–	–	–	–	–	–	–	–	–	1	1	1	1	–	–	1	–	–
–	–	–	–	–	–	–	1	–	–	–	1	–	2	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	1	1	–	1	1	–	2	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	3	3	1	1	–	–	2	–	–	–	1	1	1	1	–	–	–	–
2	2	3	–	1	–	–	–	1	2	–	1	–	–	2	1	–	–	–	–
1	–	1	1	–	–	–	1	–	–	1	–	–	1	1	–	–	–	–	–
–	1	–	–	2	1	–	–	–	1	1	–	1	–	2	1	1	–	–	–
–	–	–	–	–	–	–	1	–	2	–	1	–	–	–	1	–	–	–	–
–	1	1	2	1	–	–	–	–	–	–	2	–	–	3	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–
5	3	–	4	4	3	3	6	4	6	2	6	7	8	2	3	1	–	–	1
2	–	6	3	3	3	4	3	1	6	2	1	2	4	5	3	1	–	1	–
1	–	–	–	–	–	–	–	–	–	–	1	1	2	–	1	–	–	–	–
–	–	–	–	1	–	–	–	–	1	1	1	1	1	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–
4	1	1	–	1	2	–	–	1	–	2	–	–	1	2	2	–	1	–	–
1	–	1	2	3	–	1	–	–	1	–	3	2	2	2	2	–	2	–	–
1	–	–	1	1	–	–	1	1	1	–	1	–	–	3	2	–	–	–	–
1	–	1	–	1	1	–	–	–	–	–	–	–	–	–	1	–	–	1	–
4	2	1	4	1	2	–	1	–	1	1	1	3	2	2	–	2	1	–	–
4	2	3	2	1	2	–	1	1	–	1	4	1	7	4	2	3	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–
–	–	1	1	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	2

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Hampshire-Con.											
Williamsburg .	2,029	Ma.	1,020	1·43	29	16	2	–	–	1	–
		Fe.	1,009			13	–	1	–	–	1
Worthington .	818	Ma.	410	·60	6	3	–	–	–	–	–
		Fe.	408			3	1	–	–	–	–
Middlesex .	284,112	Tot.	284,112	1·86	.	5,499	1167	390	205	119	105
		Ma.	135,323	.	5,499	2,678	648	211	109	59	57
		Fe.	148,789	.	.	2,818	516	179	96	60	48
		Un.	.	.	.	3	3	–	–	–	–
Acton . .	1,708	Ma.	854	1·42	29	17	1	–	1	–	–
		Fe.	854			12	2	–	–	–	1
Arlington .	3,906	Ma.	1,870	1·91	74	36	11	4	4	1	1
		Fe.	2,036			38	4	3	1	3	1
Ashby . .	962	Ma.	453	1·62	19	8	1	–	–	–	–
		Fe.	509			11	–	–	–	–	–
Ashland . .	2,211	Ma.	1,102	1·84	45	24	3	1	2	1	1
		Fe.	1,109			21	–	1	2	–	–
Ayer . .	1,872	Ma.	928	1·55	33	18	5	–	–	–	1
		Fe.	944			15	2	–	3	–	1
Bedford . .	900	Ma.	443	·82	9	4	–	–	–	–	–
		Fe.	457			5	–	–	–	–	–
Belmont . .	1,937	Ma.	964	1·39	29	11	1	1	1	1	–
		Fe.	973			18	3	3	–	–	–
Billerica . .	1,881	Ma.	896	2·06	43	16	3	1	–	–	–
		Fe.	985			27	1	1	–	–	1
Boxborough .	318	Ma.	159	1·00	4	–	–	–	–	–	–
		Fe.	159			4	–	–	–	–	
Burlington .	650	Ma.	329	1·24	10	7	–	–	–	–	–
		Fe.	321			2	–	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Cambridge .	47,838	Ma.	23,180	2·09	964	485	123	48	20	9	11
		Fe.	24,658			479	103	37	24	10	11
Carlisle . .	548	Ma.	276	1·66	10	6	1	–	–	–	–
		Fe.	272			4	–	–	–	–	1
Chelmsford .	2,372	Ma.	1,188	1·64	40	18	3	2	–	–	2
		Fe.	1,184			22	–	–	–	–	–
Concord . .	2,676	Ma.	1,300	1·29	39	21	3	3	–	–	–
		Fe.	1,376			18	3	1	–	–	–
Dracut . .	1,116	Ma.	577	·60	8	2	–	–	–	–	–
		Fe.	539			6	2	1	1	–	–
Dunstable .	452	Ma.	227	1·50	8	4	–	–	–	–	–
		Fe.	225			4	–	–	–	–	–
Everett . .	3,651	Ma.	1,791	1·31	54	29	6	2	1	–	–
		Fe.	1,860			25	2	1	–	1	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	1	1	–	1	2	1	–	1	–	–	–	1	2	2	1	–	–	–	–
2	–	–	1	–	1	1	–	–	–	1	2	2	1	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	1	–	–	–	–
–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
270	123	183	247	229	226	189	176	187	204	197	215	234	258	213	184	100	44	20	14
133	59	73	110	82	85	77	75	94	102	100	112	129	129	100	68	43	14	3	6
137	64	110	137	147	141	112	101	93	102	97	103	105	129	113	116	57	30	17	8
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	2	1	–	–	2	2	–	4	1	1	1	–	1	–	–	–
1	–	–	–	–	–	1	1	1	1	2	–	–	–	–	2	–	–	–	–
1	–	1	–	1	1	1	–	1	–	–	1	3	2	2	1	–	–	–	–
4	–	1	4	1	2	2	2	1	–	2	–	–	1	3	2	1	–	–	–
1	–	–	1	–	–	–	–	–	–	–	–	–	3	–	1	1	–	–	–
–	–	1	–	–	–	–	1	–	–	–	2	1	–	1	3	1	1	–	–
2	2	–	–	–	–	1	–	1	–	2	2	1	4	–	–	1	–	–	–
9	1	–	–	2	2	–	–	–	1	1	–	–	–	1	–	–	–	1	–
1	–	–	–	1	1	–	1	–	1	–	–	1	–	4	1	–	–	–	1
2	1	–	1	1	–	1	–	–	–	1	–	–	–	–	1	–	–	–	1
–	–	–	–	–	–	–	1	–	–	–	–	1	1	1	–	–	–	–	–
–	–	–	–	–	–	1	–	–	1	1	–	–	–	1	–	1	–	–	–
1	1	–	1	1	–	–	–	–	1	–	1	–	1	–	–	–	–	–	–
2	–	–	–	2	2	–	–	1	1	–	1	–	–	–	–	3	–	–	–
–	1	–	1	–	–	–	–	2	1	1	2	1	2	1	–	–	–	–	–
1	1	–	2	–	2	–	–	1	1	–	–	5	2	7	1	–	–	1	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	1	–	–	–	–	–	1	–	–	1	1	–	–	–	–	–
–	–	–	1	–	–	1	–	–	–	–	–	1	1	2	–	1	–	–	–
–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
32	10	8	18	14	10	19	18	11	21	17	22	25	17	13	6	9	3	–	1
21	10	13	19	22	34	14	14	15	19	20	25	9	14	12	16	10	3	3	1
–	–	–	–	–	–	–	–	–	1	–	–	–	2	1	–	1	–	–	–
–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–	1	–	–	–
2	–	1	–	–	1	–	–	2	1	–	–	–	–	1	2	1	–	–	–
2	–	3	1	2	–	–	–	1	1	1	1	1	4	3	–	1	–	–	1
1	–	–	1	1	–	–	–	2	1	–	2	1	4	–	1	1	–	–	–
–	2	–	2	–	–	1	–	–	–	2	–	–	1	3	2	–	–	1	–
–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	–	1	2	–	–	–	–	–
1	–	–	–	–	1	–	–	–	–	–	–	–	–	1	–	–	–	1	–
1	1	1	1	1	1	2	–	3	–	1	1	2	1	2	–	–	1	–	1
2	1	–	1	3	–	1	1	–	1	1	2	1	3	–	–	3	1	–	–

Digitized by Google

TABLE VII. — CONTINUED.

Counties and Towns.	Population — 1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Middlesex—Con.											
Framingham	5,167	Ma.	2,443	1·19	79	41	6	4	–	–	1
		Fe.	2,724			38	11	–	–	2	2
Groton	1,908	Ma.	908	1·17	24	12	–	1	–	–	–
		Fe.	1,000			12	1	–	–	–	–
Holliston	3,399	Ma.	1,675	2·21	83	43	7	6	3	–	2
		Fe.	1,724			40	4	–	3	2	1
Hopkinton	4,503	Ma.	2,296	1·44	70	33	7	1	1	–	1
		Fe.	2,207			37	4	1	2	–	2
Hudson	3,493	Ma.	1,739	1·48	56	25	6	2	–	–	–
		Fe.	1,754			31	4	–	–	–	–
Lexington	2,505	Ma.	1,242	1·39	40	17	1	–	–	–	–
		Fe.	1,263			23	4	–	1	–	–
Lincoln	834	Ma.	421	1·87	19	13	4	–	1	–	–
		Fe.	413			6	–	–	1	–	–
Littleton	950	Ma.	483	1·38	15	8	1	–	–	–	–
		Fe.	467			6	–	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Lowell	49,688	Ma.	21,893	2·31	1,088	481	138	42	19	16	8
		Fe.	27,795			607	137	45	17	6	10
Malden	10,843	Ma.	5,141	1·44	166	79	18	7	2	2	–
		Fe.	5,702			87	14	2	6	–	1
Marlborough	8,424	Ma.	4,159	1·71	149	80	23	9	3	3	1
		Fe.	4,265			69	10	6	2	1	2
Maynard	1,965	Ma.	964	1·99	47	25	4	3	–	3	1
		Fe.	1,001			22	1	2	2	3	2
Medford	6,627	Ma.	3,121	1·47	105	53	6	4	2	2	2
		Fe.	3,506			52	4	2	1	–	–
Melrose	3,990	Ma.	1,840	1·16	55	29	5	1	5	1	–
		Fe.	2,150			26	3	1	–	–	–
Natick	7,419	Ma.	3,721	1·45	136	65	16	3	7	1	–
		Fe.	3,698			71	13	4	1	2	3
Newton	16,105	Ma.	7,443	1·60	248	138	31	14	5	4	3
		Fe.	8,662			110	13	7	4	1	–
No. Reading	979	Ma.	482	1·29	13	8	1	1	–	–	–
		Fe.	497			5	–	–	–	–	–
Pepperell	1,927	Ma.	951	1·28	30	17	3	–	2	–	1
		Fe.	976			13	4	1	1	–	1
Reading	3,186	Ma.	1,456	1·55	51	19	3	1	2	–	1
		Fe.	1,730			32	1	2	2	1	–
Sherborn	999	Ma.	491	4·17	50	18	10	1	–	–	–
		Fe.	508			32	14	1	–	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
1	1	1	3	2	1	–	–	–	1	1	–	8	–	1	3	3	2	–	2
3	2	–	2	1	1	–	1	–	–	1	2	1	2	2	1	2	1	–	1
–	–	–	3	–	–	–	1	–	1	1	1	–	–	–	2	2	–	–	–
–	1	–	2	–	–	–	1	1	–	–	1	2	1	–	2	–	–	–	–
2	1	1	4	1	–	1	1	1	2	–	–	–	5	2	2	1	1	–	–
3	3	1	1	1	3	–	6	1	1	1	–	2	1	3	2	1	–	–	–
3	–	2	1	1	1	1	2	2	2	1	2	–	2	2	1	–	–	–	–
2	2	1	3	6	1	1	–	1	–	2	–	–	3	1	3	1	–	–	1
–	–	4	1	1	–	2	2	2	1	1	–	2	1	–	–	–	–	–	–
1	–	3	5	1	1	5	–	2	1	1	1	3	2	–	1	–	–	–	–
–	–	1	1	–	3	–	1	1	1	1	–	3	2	1	1	–	–	–	–
–	–	–	1	–	2	–	2	1	–	2	1	2	2	2	–	1	1	1	–
–	–	–	1	–	1	1	1	–	1	–	–	–	1	–	–	–	1	–	1
–	–	1	1	–	–	–	–	–	–	1	–	1	–	–	1	–	–	–	–
–	–	–	–	–	–	–	–	1	–	–	–	2	1	1	2	–	–	–	–
–	–	1	–	1	–	–	–	1	–	–	–	–	–	2	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	12	16	24	12	13	11	12	20	18	22	24	17	18	14	3	3	1	–	–
27	12	27	31	38	24	25	27	22	21	15	30	23	26	13	16	5	6	3	1
5	–	3	1	4	6	3	2	5	2	4	6	2	3	3	1	–	–	–	–
4	–	3	4	5	12	3	4	4	3	5	1	2	1	6	2	3	2	–	–
4	2	6	3	4	–	3	1	1	3	3	3	4	3	1	–	–	–	–	–
5	2	2	4	7	2	4	2	6	2	–	1	4	2	2	1	1	1	–	–
7	–	–	–	1	1	–	1	–	1	–	1	–	–	1	1	–	–	–	–
2	2	1	3	–	–	1	–	1	–	–	1	1	–	–	–	–	–	–	–
2	1	2	–	1	–	1	–	3	6	2	2	7	2	4	3	–	1	–	–
2	–	5	4	1	1	1	5	–	2	7	4	3	3	3	1	3	–	–	–
1	1	1	2	1	1	1	–	1	2	–	2	2	1	–	1	–	–	–	–
1	1	1	1	2	3	1	2	1	–	1	–	–	2	–	2	2	1	1	–
3	2	4	3	3	6	1	2	–	2	1	1	2	1	3	2	1	–	1	–
3	2	1	5	1	3	3	2	3	4	3	1	5	5	4	3	–	–	–	–
7	6	5	10	4	7	2	2	2	6	6	3	4	9	3	3	2	–	–	–
4	1	7	6	5	4	6	3	1	4	3	5	9	10	6	7	2	2	–	–
1	–	1	–	–	–	1	–	–	–	1	–	–	–	1	1	–	–	–	–
–	–	–	–	–	–	1	1	–	1	–	–	1	–	–	1	–	–	–	–
1	–	–	1	–	–	2	–	–	–	–	2	–	2	1	–	1	–	1	–
1	–	1	–	–	2	–	–	–	–	–	1	–	–	–	1	–	–	–	–
2	2	–	–	–	–	–	1	1	–	2	1	2	–	1	–	–	–	–	–
2	–	–	3	4	2	1	–	3	4	–	–	2	1	1	3	–	–	–	–
1	1	–	–	–	–	–	1	–	–	–	1	–	–	–	2	1	–	–	–
–	–	2	1	1	–	1	1	2	1	1	2	–	2	1	1	–	1	–	–

Digitized by Google

TABLE VII. — CONTINUED.

Counties and Towns.	Population—1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Middlesex—Con.											
Shirley . .	1,352	Ma.	659	1·43	19	8	1	–	–	–	–
		Fe.	693			11	–	–	–	–	–
Somerville .	21,868	Ma.	10,639	1·68	367	163	49	11	9	4	4
		Fe.	11,229			204	41	20	7	8	3
Stoneham .	4,984	Ma.	2,368	1·21	63	35	1	1	–	–	1
		Fe.	2,616			28	2	1	–	2	–
Stow . .	1,022	Ma.	508	1·27	15	7	1	1	–	–	–
		Fe.	514			8	2	–	–	–	–
Sudbury . .	1,177	Ma.	608	1·32	19	5	2	–	–	–	–
		Fe.	569			14	1	2	–	–	–
Tewksbury .	1,997	Ma.	958	1·87	25	16	–	3	–	–	1
		Fe.	1,039			9	2	–	–	–	–
St. Almshouse at Tewksbury	–	Ma.	–	–	305	177	60	3	3	1	–
		Fe.	–			128	55	4	–	–	–
Townsend .	2,196	Ma.	1,117	1·71	39	25	1	4	–	–	–
		Fe.	1,079			14	5	–	–	–	–
Tyngsborough	665	Ma.	329	1·92	12	4	–	–	1	–	–
		Fe.	336			8	–	–	–	1	–
Wakefield .	5,349	Ma.	2,511	1·82	92	50	9	2	3	4	4
		Fe.	2,838			42	6	6	1	2	1
Waltham. .	9,967	Ma.	4,644	1·58	171	74	20	4	2	2	3
		Fe.	5,323			96	12	3	6	7	3
		Un.	.	.	.	1	1	–	–	–	–
Watertown .	5,099	Ma.	2,432	1·44	75	43	9	1	2	–	1
		Fe.	2,667			32	4	1	2	–	–
Wayland. .	1,766	Ma.	908	1·72	39	17	3	2	1	–	–
		Fe.	858			22	4	3	1	–	–
Westford. .	1,933	Ma.	956	1·51	32	10	2	1	1	–	–
		Fe.	977			22	2	1	–	–	–
Weston . .	1,282	Ma.	656	·83	13	5	1	1	–	1	–
		Fe.	626			8	1	1	–	–	–
Wilmington .	879	Ma.	431	1·10	13	4	2	–	–	–	–
		Fe.	448			9	–	–	1	–	–
Winchester .	3,099	Ma.	1,476	1·88	60	28	9	3	1	1	–
		Fe.	1,623			32	2	1	1	3	–
Woburn . .	9,568	Ma.	4,717	1·69	198	97	27	12	5	2	6
		Fe.	4,851			101	12	14	3	5	1
NANTUCKET .	3,201	Tot.	3,201	3·47	.	127	6	5	4	1	4
		Ma.	1,389	.	127	64	4	3	2	–	–
		Fe.	1,812	.	.	63	2	2	2	1	4

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	–	1	–	–	–	1	1	–	1	–	–	1	1	–	1	–	–	–	–
–	–	4	1	1	–	1	1	–	–	–	–	–	1	–	2	–	–	–	–
11	2	1	6	7	5	3	4	6	5	7	5	8	8	2	4	1	1	–	–
10	4	3	7	10	15	15	8	5	5	6	2	5	9	5	11	3	–	2	–
2	2	–	2	2	3	3	4	1	1	3	–	2	3	1	1	2	–	–	–
–	1	2	–	3	1	1	3	2	2	–	2	–	1	3	2	–	–	–	–
–	–	–	–	–	–	–	–	1	1	1	2	–	–	–	–	–	–	–	–
–	–	–	–	–	1	–	–	–	–	–	1	–	1	3	–	–	–	–	–
–	–	–	–	–	–	–	–	1	1	–	–	1	–	–	–	–	–	–	–
1	2	–	–	–	–	–	–	–	1	–	–	–	3	3	–	1	–	–	–
–	–	1	1	–	–	–	1	1	–	1	2	2	–	1	–	1	1	–	–
–	–	–	–	2	–	–	–	1	–	–	–	–	–	–	2	–	1	–	1
1	1	4	8	10	8	7	5	13	4	6	7	6	10	8	8	2	1	1	–
1	1	2	4	6	6	7	6	6	7	2	4	5	6	2	4	–	–	–	–
1	–	–	1	1	–	–	2	–	1	2	1	2	1	4	4	–	–	–	–
–	–	1	2	–	–	–	–	–	1	1	1	–	–	2	1	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	1	1	–	–	–	–	–	–	–
1	–	–	–	1	–	–	–	–	–	1	–	–	1	–	1	–	2	–	–
7	3	2	1	1	3	–	1	1	1	1	–	2	3	1	–	1	–	–	–
7	2	1	1	3	1	1	–	–	1	1	1	–	3	2	1	1	–	–	–
4	1	–	5	1	3	2	1	2	2	3	2	2	5	4	3	2	1	–	–
2	1	7	6	6	3	2	3	–	4	4	5	4	3	3	5	4	2	1	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	2	3	1	–	4	1	2	1	–	3	1	4	1	2	3	2	–	–	–
2	3	1	2	2	3	1	1	–	2	–	1	–	2	–	3	1	–	–	1
–	–	1	–	3	–	–	–	–	1	1	–	1	1	2	–	1	–	–	–
1	–	1	1	1	1	–	–	1	2	1	–	1	–	3	–	–	1	–	–
–	1	–	–	–	1	–	1	–	–	–	2	–	1	–	–	–	–	–	–
1	–	5	2	–	–	2	–	–	–	–	–	2	2	2	1	–	1	1	–
–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–
1	–	1	–	–	–	–	–	–	1	–	–	1	1	1	–	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–
–	–	1	1	–	1	1	–	1	–	–	–	–	1	–	1	1	–	–	–
4	–	–	–	–	2	1	1	–	2	–	1	1	–	1	–	1	–	–	–
2	3	2	–	1	1	2	–	–	1	–	1	3	1	1	4	1	–	1	–
3	3	2	3	1	1	2	2	3	4	4	4	3	3	3	4	–	–	–	–
3	3	4	3	3	4	5	2	7	2	6	3	5	5	4	2	3	2	–	–
10	4	3	5	3	4	5	3	4	3	4	8	11	11	7	12	5	3	1	1
5	1	2	2	1	3	1	2	2	1	3	5	8	5	4	5	3	1	–	1
5	3	1	3	2	1	4	1	2	2	1	3	3	6	3	7	2	2	1	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Norfolk Co.	88,321	Tot.	88,321	1·44	.	1,383	230	72	48	31	23
		Ma.	42,397	.	1,383	706	122	45	26	13	10
		Fe.	45,924	.	.	676	107	27	22	18	13
		Un.	.	.	.	1	1	–	–	–	–
Bellingham	1,247	Ma.	612	1·38	19	8	3	–	–	–	–
		Fe.	635			11	1	1	–	–	–
Braintree	4,156	Ma.	1,999	1·43	67	37	7	1	1	–	1
		Fe.	2,157			30	5	2	2	1	–
Brookline	6,675	Ma.	2,962	1·18	89	41	9	4	2	1	–
		Fe.	3,713			48	4	2	1	1	1
Canton	4,192	Ma.	1,975	1·97	77	36	5	4	3	1	–
		Fe.	2,217			41	4	3	3	3	1
Cohasset	2,197	Ma.	1,067	1·74	40	19	1	–	–	–	–
		Fe.	1,130			21	4	–	–	–	–
Dedham	5,756	Ma.	2,666	1·68	100	42	9	2	–	–	1
		Fe.	3,090			58	10	2	1	2	–
Dover	650	Ma.	319	2·63	20	15	–	–	–	–	–
		Fe.	331			5	–	–	–	–	–
Foxborough	3,168	Ma.	1,355	1·21	35	18	3	–	–	–	–
		Fe.	1,813			17	1	1	–	1	1
Franklin	2,983	Ma.	1,420	1·04	37	18	3	2	–	1	–
		Fe.	1,563			19	2	–	1	1	–
Holbrook	1,726	Ma.	862	1·40	33	16	3	–	2	1	–
		Fe.	864			17	3	–	–	1	–
Hyde Park	6,316	Ma.	2,934	1·36	82	43	12	2	3	–	–
		Fe.	3,382			39	11	1	1	1	–
Medfield	1,163	Ma.	515	1·70	24	13	–	1	–	–	–
		Fe.	648			11	2	1	–	–	–
Medway	4,242	Ma.	2,066	1·90	77	42	5	1	1	1	–
		Fe.	2,176			35	7	1	1	–	–
Milton	2,738	Ma.	1,279	1·04	32	22	6	3	2	1	–
		Fe.	1,459			10	10	1	–	–	–
Needham	4,548	Ma.	2,243	1·35	63	30	5	3	1	–	2
		Fe.	2,305			33	7	1	–	1	2
Norfolk	920	Ma.	438	·99	10	7	–	1	–	–	–
		Fe.	482			3	1	–	–	–	–
Norwood	1,749	Ma.	861	1·39	32	21	2	3	1	–	–
		Fe.	888			10	–	1	1	–	–
		Un.	.	.	.	1	1	–	–	–	–
Quincy	9,155	Ma.	4,598	1·85	187	98	9	11	4	2	3
		Fe.	4,557			89	17	2	6	2	4
Randolph	4,064	Ma.	2,033	1·44	70	33	5	1	–	1	–
		Fe.	2,031			37	8	3	1	1	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
57	25	37	62	50	59	44	44	45	65	52	64	78	87	75	73	33	20	4	5
27	14	19	31	26	29	26	23	24	36	30	31	44	45	31	29	15	6	–	4
30	11	18	31	24	30	18	21	21	29	22	33	34	42	44	44	18	14	4	1
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	–	1	–	–	–	–	–	–	–	–	1	–	–	2	–	–	–	–	–
1	–	–	–	–	–	1	–	–	–	–	1	1	1	3	1	–	–	–	–
1	2	–	2	1	1	2	–	–	2	2	2	1	5	3	1	2	–	–	–
1	–	–	3	1	2	–	2	1	–	1	–	2	–	1	2	3	–	1	–
1	1	1	1	2	2	1	3	1	1	3	2	2	1	–	2	1	–	–	–
5	–	2	–	3	4	1	2	2	1	3	1	4	1	2	5	1	2	–	–
–	1	1	4	2	–	1	–	1	1	2	3	1	3	2	1	–	–	–	–
4	1	2	1	1	4	–	–	2	1	1	2	–	3	2	–	1	1	1	–
–	–	1	1	1	1	1	–	2	–	1	1	2	3	2	1	–	1	–	–
1	–	–	–	–	–	–	1	1	–	2	2	1	2	3	3	1	–	–	–
1	2	1	3	2	2	–	1	2	3	1	2	7	1	1	–	1	–	–	–
–	1	–	1	1	5	1	2	1	4	–	3	5	5	7	2	2	2	1	–
–	1	–	–	–	–	1	–	–	2	3	1	1	–	2	2	1	1	–	–
–	–	–	–	–	–	–	1	1	1	–	–	–	2	–	–	–	–	–	–
2	–	–	1	–	1	–	–	1	–	2	–	3	2	1	2	–	–	–	–
–	1	–	1	–	1	–	–	2	1	1	–	2	2	2	–	–	–	–	–
2	1	–	–	1	–	–	1	–	–	1	1	1	2	–	1	1	–	–	–
2	–	–	–	–	–	1	–	1	–	1	3	1	2	2	1	1	–	–	–
2	–	–	–	–	–	–	–	1	1	–	–	2	2	–	1	–	1	–	–
1	–	1	–	1	1	–	1	–	1	1	1	1	2	2	–	–	–	–	–
2	2	2	–	–	–	3	–	–	6	4	2	4	–	1	–	–	–	–	–
1	1	1	1	1	3	3	1	–	3	1	1	2	4	–	2	–	–	–	–
–	–	–	1	–	–	–	2	–	1	1	1	–	1	2	3	–	–	–	–
–	–	1	–	–	–	1	–	–	–	–	–	1	1	3	–	–	1	–	–
1	–	1	3	–	3	1	1	2	4	2	1	4	2	2	3	2	2	–	–
2	1	2	3	–	1	–	1	1	1	–	3	1	3	4	1	1	–	1	–
–	–	–	1	–	1	1	–	1	–	2	1	2	–	–	1	–	–	–	–
–	–	–	1	1	–	–	–	–	–	1	2	–	3	–	1	–	–	–	–
2	–	1	2	1	3	2	1	–	–	–	–	1	2	2	–	2	–	–	–
1	–	1	3	2	2	1	1	–	1	1	2	2	–	–	3	1	1	–	–
–	–	–	–	–	–	1	–	–	–	1	–	1	–	1	2	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–
2	–	1	–	1	2	–	1	–	1	–	1	2	1	1	–	1	–	–	1
–	–	1	–	2	–	–	–	1	–	–	–	2	–	–	2	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	1	2	3	8	4	4	8	5	5	2	3	4	9	1	1	2	–	–	2
7	3	–	6	4	3	1	5	–	5	5	4	3	2	2	4	2	2	–	–
2	2	2	2	2	2	–	1	–	1	–	3	1	4	–	3	–	–	–	1
–	1	–	3	2	–	1	1	2	3	1	1	1	2	3	2	1	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Norfolk—Con.											
Sharon . .	1,330	Ma.	625	1·12	17	10	3	–	–	–	–
		Fe.	705			7	1	–	–	–	–
Stoughton .	4,842	Ma.	2,422	1·55	80	41	6	3	2	–	1
		Fe.	2,420			39	5	3	3	1	2
Walpole . .	2,290	Ma.	1,109	1·31	30	19	3	–	1	–	–
		Fe.	1,181			11	–	–	–	1	1
Weymouth .	9,819	Ma.	4,893	1·13	130	60	20	2	3	3	2
		Fe.	4,928			70	14	2	1	1	1
Wrentham .	2,395	Ma.	1,144	1·29	32	17	3	1	–	1	–
		Fe.	1,251			15	–	–	–	–	–
Plymouth Co.	69,362	Tot.	69,362	1·44	.	1,103	170	42	14	22	10
		Ma.	34,240	.	1,103	559	101	26	5	6	6
		Fe.	35,122	.	.	541	66	16	9	16	4
		Un.	.	.	.	3	3	–	–	–	–
Abington .	3,241	Ma.	1,602	1·17	48	24	3	2	–	1	1
		Fe.	1,639			24	2	1	1	2	–
Bridgewater .	3,969	Ma.	2,000	·97	37	18	3	1	–	–	–
		Fe.	1,969			19	1	2	1	–	–
St. Workhouse, Bridgewater	–	Ma.	–	–	13	9	3	–	–	–	–
		Fe.	–			4	2	–	–	–	–
Brockton . .	10,578	Ma.	5,242	1·24	154	77	20	7	3	2	2
		Fe.	5,336			77	15	8	1	2	–
Carver . .	1,127	Ma.	573	1·79	18	10	1	–	–	–	–
		Fe.	554			8	1	–	–	1	–
Duxbury . .	2,245	Ma.	1,104	1·38	36	16	3	–	–	–	–
		Fe.	1,141			19	2	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
E. Bridgewater	2,808	Ma.	1,378	1·13	34	22	7	–	–	–	–
		Fe.	1,430			12	1	–	–	1	–
Halifax . .	568	Ma.	274	·89	6	3	–	–	–	–	–
		Fe.	294			3	–	–	–	–	–
Hanover . .	1,801	Ma.	873	1·52	30	15	4	–	–	–	–
		Fe.	928			15	–	–	–	1	–
Hanson . .	1,265	Ma.	630	1·04	15	8	1	–	–	–	–
		Fe.	635			7	–	–	–	–	–
Hingham .	4,654	Ma.	2,212	1·31	65	25	5	2	1	–	–
		Fe.	2,442			40	5	2	2	–	–
Hull . . .	316	Ma.	161	2·94	12	7	1	1	–	–	–
		Fe.	155			5	1	–	–	–	–
Kingston . .	1,569	Ma.	759	1·27	23	12	–	–	–	–	–
		Fe.	810			11	–	–	–	1	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	–	–	–	–	–	–	–	2	1	–	–	2	–	2	–	–	–	–	–
–	–	–	1	–	1	1	–	–	1	1	1	–	–	–	–	–	–	–	–
1	–	–	4	–	2	3	–	2	4	2	1	2	1	4	1	1	1	–	–
1	1	4	3	1	–	–	2	–	–	1	1	1	1	4	4	–	–	–	1
1	–	1	1	1	2	–	2	–	1	1	2	–	2	–	1	–	–	–	–
–	–	–	–	1	–	1	–	1	1	1	1	–	–	1	1	1	–	–	–
1	1	4	–	3	3	4	2	3	1	–	3	1	2	1	1	–	–	–	–
3	1	3	4	3	3	4	1	3	4	–	3	3	2	2	6	2	4	–	–
–	–	–	2	1	–	1	–	1	1	–	–	–	2	1	2	1	–	–	–
–	–	–	–	–	–	1	–	2	1	–	1	1	3	1	3	1	1	–	–
36	23	34	45	37	42	38	29	29	48	36	45	74	88	94	65	42	20	11	9
24	12	11	24	12	19	13	15	12	32	20	23	42	44	49	32	15	9	2	5
12	11	23	21	25	23	25	14	17	16	16	22	32	44	45	33	27	11	9	4
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	–	1	1	–	2	1	–	1	2	2	1	1	2	1	1	–	–	–	–
–	–	–	2	1	1	2	1	–	–	–	1	1	5	1	–	3	–	–	–
1	–	–	–	–	–	2	–	1	1	–	1	2	2	2	–	–	2	–	–
–	–	1	1	–	2	–	1	–	–	–	1	–	2	3	2	2	–	–	–
–	–	–	1	–	–	–	1	–	1	–	–	1	1	–	1	–	–	–	–
–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
2	4	4	7	4	1	2	1	–	1	3	–	4	3	3	2	2	–	–	–
5	2	3	4	6	4	6	1	3	2	2	4	3	1	3	2	–	–	–	–
–	–	–	–	–	–	1	1	–	1	1	1	–	–	2	2	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	2	2	1	–	–	–	–	–
–	–	–	1	–	–	1	–	1	1	–	1	1	1	1	2	2	–	1	–
1	1	1	–	–	–	–	1	1	2	–	–	1	4	2	1	2	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	–	–	1	1	2	1	1	–	1	1	1	3	1	1	–	–	–	–	–
–	–	–	–	–	1	1	–	1	–	1	1	–	2	1	–	1	1	–	–
–	–	–	–	–	–	–	1	–	–	–	–	–	2	–	–	–	–	–	–
–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–
1	–	–	–	–	–	–	1	–	1	1	–	1	2	2	2	–	–	–	–
1	1	–	–	1	2	1	–	–	1	2	–	1	–	3	1	–	–	–	–
–	–	–	1	–	–	–	–	–	–	–	1	1	2	1	–	1	–	–	–
–	–	1	–	1	–	–	1	–	–	–	–	–	–	3	–	–	1	–	–
–	2	–	1	–	–	–	–	–	1	3	1	3	1	1	1	1	1	1	–
–	–	–	2	2	–	–	1	2	2	1	2	3	4	5	6	1	–	–	–
1	–	–	–	2	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–
1	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	1	–	–
–	–	–	–	–	1	–	–	–	1	–	1	1	2	3	3	–	–	–	–
–	–	1	2	1	–	1	–	–	1	–	1	1	–	1	1	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population — 1875. Persons.	Sex.		Deaths. Per ct. to Pop.	Persons.	Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Plymouth-Con.											
Lakeville	1,061	Ma.	518	1·08	13	9	1	–	–	–	1
		Fe.	543			4	1	–	–	–	–
Marion	862	Ma.	392	·97	10	6	–	–	–	–	–
		Fe.	470			4	–	–	–	–	–
Marshfield	1,817	Ma.	899	1·54	32	17	1	1	–	–	–
		Fe.	918			15	–	–	–	–	–
Mattapoisett	1,361	Ma.	618	1·29	18	8	1	–	–	–	–
		Fe.	743			10	1	–	–	–	1
Middleborough	5,023	Ma.	2,466	1·22	73	34	3	–	–	–	–
		Fe.	2,557			38	4	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Pembroke	1,399	Ma.	705	1·23	20	7	1	–	–	–	–
		Fe.	694			13	1	–	1	–	–
Plymouth	6,370	Ma.	3,083	2·08	141	77	19	2	–	1	1
		Fe.	3,287			64	13	1	–	2	–
Plympton	755	Ma.	363	2·08	17	8	2	–	–	–	–
		Fe.	392			9	–	–	–	–	–
Rochester	1,001	Ma.	496	1·66	17	12	1	1	–	–	–
		Fe.	505			5	–	1	–	–	–
Rockland	4,203	Ma.	2,200	1·34	63	32	6	4	–	–	1
		Fe.	2,003			31	1	–	1	3	2
Scituate	2,463	Ma.	1,224	1·90	48	26	3	2	–	1	–
		Fe.	1,239			22	2	–	–	–	1
So. Abington	2,456	Ma.	1,220	1·15	35	18	5	1	1	–	–
		Fe.	1,236			17	2	–	1	2	–
So. Scituate	1,818	Ma.	924	2·41	44	23	2	1	–	–	–
		Fe.	894			20	5	–	–	–	–
		Un.	.	.	.	1	1	–	–	–	–
Wareham	2,874	Ma.	1,446	2·18	55	23	3	1	–	1	–
		Fe.	1,426			32	5	1	1	1	–
W. Bridgewat'r	1,758	Ma.	878	1·42	26	13	2	–	–	–	–
		Fe.	880			13	1	–	–	–	–
SUFFOLK CO.	364,886	Tot.	364,886	2·21	.	8,064	1837	677	336	198	195
		Ma.	173,050	.	8,064	3,910	1005	343	163	95	107
		Fe.	191,836	.		4,151	829	334	173	103	88
		Un.	.	.	.	3	3	–	–	–	–
Boston	341,919	Ma.	162,262	2·23	7,677	3,739	957	329	160	92	104
		Fe.	179,657			3,937	788	327	163	102	86
		Un.	.	.	.	1	1	–	–	–	–
Chelsea	20,737	Ma.	9,650	1·81	350	157	42	13	3	3	3
		Fe.	11,087			192	38	7	8	1	2
		Un.	.	.	.	1	1	–	–	–	–
Revere	1,603	Ma.	829	1·18	24	7	5	–	–	–	–
		Fe.	774			16	1	–	1	–	–
		Un.	.	.	.	1	1	–	–	–	–
Winthrop	627	Ma.	309	2·01	13	7	1	1	–	–	–
		Fe.	318			6	2	–	1	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	–	1	–	–	–	–	–	–	–	–	–	–	–	4	1	1	–	–	–
–	–	–	–	–	–	–	–	–	1	–	–	–	–	2	–	–	–	–	–
–	–	–	–	1	–	–	–	–	1	1	–	–	–	1	2	–	–	–	–
–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	1
–	1	–	1	–	1	–	–	–	–	–	2	3	3	2	–	1	1	–	–
1	1	1	1	–	1	1	1	1	1	–	1	–	1	–	1	1	–	2	–
–	–	–	–	–	1	1	1	1	–	–	1	–	–	1	–	1	–	–	–
–	–	–	1	–	–	–	–	–	1	–	–	3	1	1	1	–	–	–	–
1	–	2	2	1	2	–	1	–	3	1	1	5	4	3	4	1	–	–	–
1	–	3	2	3	–	1	–	3	1	3	2	2	2	1	4	5	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	1	–	–	–	1	–	2	–	–	–	–	–	1	–	–	–	–	–	–
–	1	–	–	1	–	–	1	–	–	1	1	–	1	2	1	1	1	–	–
3	–	–	3	2	1	1	1	1	6	2	3	8	3	8	4	3	–	–	5
–	1	2	3	1	4	1	1	3	1	1	2	4	9	4	4	2	–	2	3
1	1	1	–	–	1	–	–	–	–	–	1	–	–	–	1	–	–	–	–
–	–	–	–	–	1	–	1	1	–	1	–	–	2	–	1	1	1	–	–
2	1	–	1	1	–	–	–	–	–	–	1	–	1	1	2	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	–	–	1	1	1	–	–	–
3	–	–	–	–	1	1	1	3	4	2	2	1	1	2	–	–	–	–	–
–	1	4	1	1	2	2	2	–	–	–	–	2	1	2	3	2	–	1	–
–	–	–	1	–	1	1	–	1	1	–	1	4	3	2	2	2	1	–	–
–	–	2	–	1	1	2	–	1	–	–	3	1	1	3	1	–	3	–	–
–	–	1	–	–	2	1	–	–	1	–	1	–	1	3	–	–	1	–	–
1	1	–	–	2	–	–	1	–	1	1	–	1	2	–	1	1	–	–	–
2	1	1	2	–	1	–	2	–	–	1	–	1	4	3	–	–	2	–	–
–	–	–	–	–	1	–	–	1	–	–	2	3	–	3	–	2	1	2	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	1	1	4	2	1	2	2	1	1	–	1	–	–
1	1	2	2	1	2	2	–	–	1	–	1	3	2	3	–	1	–	2	–
2	1	–	1	–	1	–	–	1	1	–	1	–	1	1	1	–	–	–	–
–	–	1	–	1	1	2	–	–	–	3	–	1	2	–	1	–	–	–	–
329	124	252	379	431	367	339	300	314	293	273	275	284	284	239	187	91	37	17	6
154	54	109	165	196	171	167	147	164	145	120	142	127	121	105	67	24	9	7	3
175	70	143	214	235	196	172	153	150	148	153	133	157	163	134	120	67	28	10	3
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
149	53	101	162	189	167	159	138	159	141	114	133	122	115	96	62	21	9	7	–
168	64	131	203	223	183	160	149	142	144	145	129	143	150	125	111	64	28	9	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	1	8	2	7	3	8	7	5	4	5	9	5	5	9	5	3	–	–	2
4	4	12	11	11	12	12	4	8	3	7	4	13	11	9	8	3	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
2	2	–	–	1	–	–	–	–	1	1	–	1	2	–	–	–	–	1	3
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	1	–	2	–	–	–	–	–	1	–	–	–	–	–	1
1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Worcester Co.	210,295	Tot.	210,295	1·56	.	3,498	619	239	128	92	48
		Ma.	103,540	.	3,498	1,701	355	132	64	55	25
		Fe.	106,755	.	.	1,793	264	107	64	37	23
		Un.	.	.	.	4	4	–	–	–	–
Ashburnham .	2,141	Ma.	1,049	1·08	23	13	3	1	1	–	–
		Fe.	1,092			10	1	1	–	–	–
Athol . .	4,134	Ma.	2,031	1·36	63	24	2	–	–	–	–
		Fe.	2,103			39	4	–	–	–	–
Auburn . .	1,233	Ma.	580	1·53	16	8	1	2	–	1	–
		Fe.	653			8	2	1	–	–	–
Barre . .	2,460	Ma.	1,206	1·50	38	15	–	–	–	–	1
		Fe.	1,254			23	3	1	1	–	–
Berlin . .	987	Ma.	483	·91	10	5	2	–	–	–	–
		Fe.	504			5	–	–	–	–	–
Blackstone .	4,640	Ma.	2,157	·95	40	20	4	–	–	–	–
		Fe.	2,483			20	3	1	–	1	1
Bolton . .	987	Ma.	495	·98	11	6	1	–	–	–	–
		Fe.	492			5	1	–	–	–	–
Boylston . .	895	Ma.	439	1·36	12	4	1	–	–	–	–
		Fe.	456			8	–	1	–	–	–
Brookfield .	2,660	Ma.	1,317	1·13	38	13	3	2	2	–	–
		Fe.	1,343			25	4	1	2	–	–
Charlton . .	1,852	Ma.	945	·88	20	9	1	2	–	–	–
		Fe.	907			11	–	–	–	–	–
Clinton . .	6,781	Ma.	3,117	1·42	100	39	15	2	–	1	–
		Fe.	3,664			61	6	1	3	–	1
Dana . .	760	Ma.	379	·84	7	3	–	1	–	–	–
		Fe.	381			4	–	–	–	–	–
Douglas . .	2,202	Ma.	1,110	1·35	35	17	6	1	–	–	–
		Fe.	1,092			16	2	2	–	1	–
		Un.	.	.	.	2	2	–	–	–	–
Dudley . .	2,653	Ma.	1,286	2·52	54	24	5	–	1	1	–
		Fe.	1,367			30	5	6	1	–	1
Fitchburg .	12,289	Ma.	6,067	1·12	159	81	22	8	1	3	1
		Fe.	6,222			78	6	3	1	1	–
Gardner . .	3,730	Ma.	1,823	1·48	69	36	10	3	3	2	1
		Fe.	1,907			33	6	2	1	2	–
Grafton . .	4,442	Ma.	2,186	1·82	70	30	3	4	1	1	2
		Fe.	2,256			40	7	1	3	1	–
Hardwick .	1,992	Ma.	1,016	·92	17	6	–	–	–	–	–
		Fe.	976			11	2	–	–	–	–
Harvard . .	1,304	Ma.	585	1·84	27	8	–	–	–	–	–
		Fe.	719			19	–	1	–	–	1

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
137	66	147	193	125	124	121	116	99	117	121	150	174	178	207	148	83	28	13	21
68	33	52	81	46	56	55	49	51	60	56	75	86	83	106	60	28	12	3	10
69	33	95	112	79	68	66	67	48	57	65	75	88	95	101	88	55	16	10	11
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	2	–	–	–	–	–	–	–	1	1	–	4	–	–	–	–	–
–	–	2	–	1	1	–	–	–	–	–	1	1	–	–	2	–	–	–	–
1	–	–	2	1	1	4	1	–	2	–	2	2	1	1	1	2	–	–	1
1	1	1	3	2	2	1	3	–	–	1	5	3	2	5	2	2	1	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	3	–	–	–	–	–
–	–	–	1	–	–	–	–	–	1	–	–	–	2	1	–	–	–	–	–
1	2	2	1	–	–	–	–	1	–	2	1	–	2	1	1	–	–	–	–
1	–	–	1	1	–	1	1	1	1	2	2	1	1	3	2	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	–	–	–
–	–	–	–	–	–	–	1	–	–	–	–	–	1	1	2	–	–	–	–
1	–	–	3	1	1	–	–	1	1	–	–	2	1	2	2	–	1	–	–
–	–	–	1	1	–	2	1	–	3	–	–	1	2	2	–	1	–	–	–
–	–	–	–	1	–	1	–	–	1	–	–	1	–	1	–	–	–	–	–
–	–	–	–	–	1	–	–	–	1	–	1	–	–	–	–	1	–	–	–
–	–	1	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–
1	–	–	–	–	–	1	1	–	–	–	–	1	–	1	1	–	–	1	–
–	–	–	–	–	1	–	–	1	–	1	1	1	–	–	–	1	–	–	–
–	–	–	–	2	2	2	1	–	2	3	–	2	–	–	1	–	1	–	2
–	–	–	–	1	–	–	–	–	–	–	–	2	1	2	–	–	–	–	–
–	–	–	–	1	–	1	–	1	–	1	–	1	2	1	1	2	–	–	–
–	–	–	2	1	2	1	2	2	1	3	2	2	1	1	–	1	–	–	–
3	1	7	3	4	3	6	1	3	2	1	3	3	2	3	2	2	–	1	–
–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–
–	–	1	1	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–
–	–	1	1	–	–	–	3	–	–	1	1	1	1	1	–	–	–	–	–
–	–	2	–	1	–	1	–	–	–	1	2	–	1	1	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	–	1	1	–	–	–	2	2	1	–	1	3	3	1	–	–	1	–	–
–	–	2	3	–	–	2	–	–	1	3	2	–	2	1	–	1	–	–	–
1	–	3	4	1	2	2	2	4	3	1	3	5	5	2	4	3	1	–	–
–	1	3	6	4	3	2	4	3	4	5	3	4	8	6	7	2	2	–	–
–	1	1	–	–	3	2	–	1	1	3	3	–	–	–	1	1	–	–	–
2	6	2	1	1	1	2	2	–	1	–	1	1	–	1	–	–	–	1	–
1	2	1	1	–	1	1	2	1	1	–	–	2	1	2	1	–	2	–	–
–	1	–	1	3	–	2	2	2	1	1	–	3	3	4	3	–	1	–	1
–	–	1	–	–	–	–	–	–	1	1	–	–	1	2	–	–	–	–	–
1	–	–	–	–	–	–	2	1	–	–	–	2	2	–	–	1	–	–	–
–	–	–	–	–	–	–	1	1	–	1	–	3	–	1	–	1	–	–	–
1	1	1	1	–	–	–	–	–	1	–	1	3	1	3	2	1	1	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Worcester—Con.											
Holden	2,180	Ma.	1,078	1·36	33	18	3	–	–	–	–
		Fe.	1,102			15	2	2	–	–	–
Hubbardston	1,440	Ma.	737	1·33	23	10	–	–	–	–	–
		Fe.	703			13	–	–	–	–	–
Lancaster	1,957	Ma.	899	1·29	22	7	2	–	–	–	–
		Fe.	1,058			15	3	–	2	–	–
Leicester	2,770	Ma.	1,327	1·80	52	28	4	1	–	–	–
		Fe.	1,443			24	2	2	–	–	–
Leominster	5,201	Ma.	2,634	1·04	66	33	8	1	3	1	–
		Fe.	2,567			33	6	2	–	1	–
Lunenburg	1,153	Ma.	577	·99	13	8	–	–	–	–	–
		Fe.	576			5	–	–	–	–	–
Mendon	1,176	Ma.	571	1·62	20	6	1	–	–	–	–
		Fe.	605			14	1	–	–	–	–
Milford	9,818	Ma.	4,883	1·71	170	85	16	10	3	4	–
		Fe.	4,935			85	14	5	1	1	3
Millbury	4,529	Ma.	2,149	2·06	91	49	15	5	2	1	–
		Fe.	2,380			42	2	1	1	1	1
New Braintree	606	Ma.	323	·57	4	3	–	–	–	–	–
		Fe.	283			1	–	–	–	–	–
Northborough	1,398	Ma.	662	1·06	19	9	3	–	–	–	–
		Fe.	736			10	2	–	–	–	–
Northbridge	4,030	Ma.	2,028	2·41	85	48	6	6	3	3	3
		Fe.	2,002			37	5	2	3	3	1
N. Brookfield	3,749	Ma.	1,940	1·39	62	29	6	1	1	2	–
		Fe.	1,809			33	6	1	1	1	–
Oakham	873	Ma.	441	2·35	22	11	1	1	1	–	1
		Fe.	432			11	–	–	–	1	–
Oxford	2,938	Ma.	1,469	1·57	47	20	3	1	1	1	2
		Fe.	1,469			27	4	3	–	1	–
Paxton	600	Ma.	300	1·09	8	2	–	–	–	–	–
		Fe.	300			6	1	–	1	–	–
Petersham	1,203	Ma.	600	1·61	20	10	1	–	–	–	–
		Fe.	603			10	1	–	1	–	–
Phillipston	666	Ma.	335	1·13	8	4	1	–	–	–	–
		Fe.	331			4	1	–	–	–	–
Princeton	1,063	Ma.	534	1·59	20	11	1	–	–	–	–
		Fe.	529			9	–	–	–	–	–
Royalston	1,260	Ma.	610	1·09	16	5	1	–	–	–	–
		Fe.	650			11	–	–	–	–	–
Rutland	1,030	Ma.	548	1·34	15	7	1	–	2	–	–
		Fe.	482			8	2	–	–	1	–

Digitized by Google

STATE LIBRARY OF MASSACHUSETTS
DEC 15 1886

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	1	1	1	2	–	3	1	–	–	2	–	2	–	–	1	–	1	–	–
–	2	–	–	1	1	–	–	–	–	1	1	–	–	1	2	2	–	–	–
–	–	–	–	–	–	–	–	1	–	–	2	1	2	2	1	1	–	–	–
–	–	3	1	–	–	–	–	1	–	1	–	1	1	1	1	1	2	–	–
–	–	–	1	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–
–	–	2	1	–	1	–	–	1	–	–	2	–	2	–	1	–	–	–	–
–	–	–	3	1	3	1	–	3	1	1	2	2	1	2	3	–	–	–	–
2	–	1	3	–	–	1	2	1	3	1	1	1	2	–	–	1	–	–	1
2	2	–	2	1	–	1	1	–	1	2	2	3	–	1	–	1	–	–	1
1	–	2	–	3	2	2	3	–	1	1	2	–	2	2	3	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	1	3	3	–	–	–	–
–	–	–	–	–	2	–	–	–	–	1	–	1	–	1	–	–	–	–	–
–	–	–	–	–	–	–	1	–	–	1	–	1	–	2	–	–	–	–	–
1	–	–	2	1	–	1	1	–	–	–	–	1	1	1	2	1	1	–	–
6	1	4	3	2	2	–	5	2	3	1	3	2	4	6	3	1	2	2	–
5	3	4	5	4	4	1	7	–	1	1	5	6	5	4	3	3	–	–	–
–	2	1	–	1	2	3	2	1	3	2	1	1	4	1	1	1	–	–	–
3	1	3	6	3	2	–	4	–	2	–	1	2	4	3	–	–	1	1	–
–	–	–	–	–	–	–	–	–	–	–	–	1	1	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
1	–	–	–	1	–	–	1	–	1	1	1	–	–	–	–	–	–	–	–
–	–	–	–	2	–	–	–	–	–	–	1	–	1	1	2	–	–	1	–
5	1	3	1	2	1	–	2	2	3	–	–	2	1	2	1	1	–	–	–
5	1	1	2	2	–	–	1	1	1	1	–	1	2	1	1	3	–	–	–
–	1	1	5	1	1	1	1	–	1	1	1	1	1	1	1	–	–	1	–
2	–	1	1	3	2	1	–	–	–	2	1	1	4	2	1	2	1	–	–
2	–	–	–	–	1	1	–	–	–	–	–	1	–	1	1	–	–	–	–
2	1	–	–	–	–	–	–	–	–	1	1	–	2	1	2	–	–	–	–
–	–	2	1	–	1	–	–	–	–	–	–	2	1	2	2	1	–	–	–
5	–	2	2	–	–	–	1	1	–	–	–	2	1	3	1	1	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1
–	–	–	–	1	–	–	–	–	1	–	1	1	–	–	–	–	–	–	–
1	–	–	–	–	–	–	–	–	–	1	1	1	2	1	2	–	–	–	–
–	–	–	–	–	–	2	–	–	–	–	–	–	1	3	1	1	–	–	–
–	1	–	–	–	–	–	–	1	–	–	1	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	1	–	–	–
–	–	–	1	1	1	–	–	–	1	–	2	1	–	2	–	–	1	–	–
–	–	1	–	–	2	–	–	–	1	–	–	1	1	1	1	1	–	–	–
–	–	–	–	–	–	–	–	1	–	–	–	–	1	1	–	1	–	–	–
–	–	1	1	–	1	1	1	1	–	–	–	1	1	1	1	–	1	–	–
–	–	–	–	–	1	–	–	–	–	–	–	–	2	–	1	–	–	–	–
–	–	–	–	–	–	1	–	–	–	–	–	2	–	2	–	–	–	–	–

Digitized by Google

TABLE VII. — Continued.

Counties and Towns.	Population—1875.			Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.	Sex.		Per ct. to Pop.	Persons.	Sex.					
Worcester-Con.											
Shrewsbury	1,524	Ma.	768	1·51	26	17	2	1	–	–	–
		Fe.	756			9	–	–	1	–	–
Southborough	1,986	Ma.	982	·80	17	7	2	–	–	–	–
		Fe.	1,004			10	3	–	1	–	–
Southbridge	5,740	Ma.	2,816	1·45	83	36	7	4	3	1	1
		Fe.	2,924			47	14	2	4	1	–
Spencer	5,451	Ma.	2,868	2·65	179	82	23	11	9	8	1
		Fe.	2,583			96	24	16	8	7	2
		Un.	.	.	.	1	–	1	–	–	–
Sterling	1,569	Ma.	783	1·36	23	6	–	–	–	–	–
		Fe.	786			17	2	–	–	–	1
Sturbridge	2,213	Ma.	1,084	1·27	39	19	1	1	–	–	–
		Fe.	1,129			20	1	2	–	–	–
Sutton	3,051	Ma.	1,493	2·28	68	36	9	4	2	–	–
		Fe.	1,558			32	5	–	1	–	–
Templeton	2,764	Ma.	1,356	1·23	33	17	3	–	–	1	–
		Fe.	1,408			16	1	–	2	–	–
Upton	2,125	Ma.	951	1·36	29	12	2	–	–	–	–
		Fe.	1,174			17	2	1	1	1	–
Uxbridge	3,029	Ma.	1,466	2·14	62	35	3	1	1	1	–
		Fe.	1,563			27	1	2	–	1	1
Warren	3,260	Ma.	1,618	1·50	54	28	7	–	4	2	2
		Fe.	1,642			26	2	–	1	–	–
Webster	5,064	Ma.	2,473	1·79	86	49	14	10	2	1	–
		Fe.	2,591			37	9	6	1	–	1
Westborough	5,141	Ma.	2,684	1·63	69	34	10	–	–	–	–
		Fe.	2,457			35	5	1	–	1	1
W. Boylston	2,902	Ma.	1,454	1·79	54	31	10	2	–	1	–
		Fe.	1,448			23	5	1	2	–	–
W. Brookfield	1,903	Ma.	902	1·29	26	17	1	–	1	3	–
		Fe.	1,001			9	1	2	–	–	–
Westminster	1,712	Ma.	822	1·55	28	10	2	–	–	–	–
		Fe.	890			18	3	–	–	–	–
Winchendon	3,762	Ma.	1,890	1·33	53	22	–	1	–	–	–
		Fe.	1,872			31	3	1	–	–	–
Worcester	49,317	Ma.	24,214	1·72	944	479	107	45	17	16	10
		Fe.	25,103			464	79	33	20	10	8
		Un.	.	.	.	1	1	–	–	–	–

Digitized by Google

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
–	1	2	1	–	–	–	–	–	1	–	2	2	2	2	1	–	–	–	–
1	–	–	1	1	–	–	–	–	–	1	–	3	–	1	–	–	–	–	–
1	–	–	–	–	–	–	–	–	1	–	–	–	1	1	–	–	–	–	1
–	1	–	–	1	1	–	–	1	–	1	–	–	1	–	–	–	–	–	–
2	–	–	1	3	1	1	–	–	–	1	3	1	2	3	1	–	–	–	1
1	1	6	3	–	–	2	2	2	1	3	–	1	1	–	1	–	–	–	2
6	2	2	2	–	2	1	1	2	1	1	1	2	1	3	2	1	–	–	–
9	1	2	6	3	4	1	–	1	–	2	2	–	2	3	–	3	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	1	1	–	1	–	2	1	–	–	–	–
–	–	1	–	1	–	–	–	–	–	–	1	2	1	1	4	2	–	1	–
3	1	–	2	–	1	–	–	–	–	3	1	–	1	4	1	–	–	–	–
1	2	1	1	–	1	1	–	1	–	1	2	1	1	2	1	1	–	–	–
1	1	1	3	1	1	–	–	2	1	2	2	1	1	4	–	–	–	–	–
1	1	2	3	–	2	2	1	2	–	2	1	3	1	–	2	1	1	1	–
2	2	–	–	–	–	–	1	–	–	1	2	1	1	1	1	1	–	–	–
–	1	1	–	1	1	1	1	–	–	1	1	–	1	1	2	1	–	–	–
–	1	1	–	1	–	–	–	–	2	–	–	2	–	1	1	–	1	–	–
–	–	–	2	–	–	2	–	1	1	–	1	1	1	–	1	2	–	–	–
4	1	–	–	–	–	1	1	–	2	1	6	4	2	2	3	2	–	–	–
1	–	1	1	2	–	2	1	1	1	3	1	2	–	4	1	1	–	–	–
1	–	–	1	–	–	3	–	2	–	1	1	–	1	3	–	–	–	–	–
3	1	2	4	1	1	–	–	1	1	2	–	1	–	–	5	1	–	–	–
3	1	2	3	1	1	2	1	1	–	–	1	2	2	1	1	–	–	–	–
2	2	1	4	1	2	2	–	–	2	–	1	–	1	1	–	–	–	–	1
1	1	4	–	1	2	4	1	1	2	1	1	2	–	1	1	1	–	–	–
1	1	5	3	3	1	–	3	2	1	–	–	4	–	2	–	1	–	–	–
1	1	2	–	2	2	–	1	–	–	2	1	1	2	2	–	1	–	–	–
1	–	3	1	–	1	1	–	1	–	1	–	–	–	1	4	1	–	–	–
1	–	–	1	1	–	–	1	–	–	1	2	2	1	–	1	1	–	–	–
1	–	1	–	–	–	–	–	–	–	–	1	–	2	–	–	–	–	1	–
–	–	–	–	1	–	–	–	–	1	–	1	1	2	2	–	–	–	–	–
–	–	1	1	–	–	2	1	–	2	2	1	4	–	–	–	–	1	–	–
–	–	2	2	1	–	1	–	1	1	–	4	2	3	3	–	1	–	–	–
2	–	2	2	–	1	2	1	–	–	2	2	1	3	4	2	3	–	–	–
19	7	13	30	16	21	20	15	17	21	15	15	13	21	17	13	4	2	–	5
9	3	24	34	24	23	14	18	18	20	15	23	17	21	19	17	7	2	2	4
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Table VIII.—CAUSES OF DEATH.—Alphabetical Arrangement.

Distinguishing by Months, by Age, and by Sex, the Registered Number of Deaths from various specified causes (alphabetically arranged), during the year

1878.

[Still-births not included in this Table.]

Aggregate.

Sex.	Deaths. Sex. Males.	Fem.	Unk.	Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Ages. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Persons .	.	.	.	31,303	2578	2261	2614	2415	2370	2151	2976	3216	2734	2731	2496	2761	–	10858	1450	621	1072	2831	2416	2081	2172	2543	2971	2126	162
Males . .	15,284	.	.	.	1260	1103	1245	1183	1165	1067	1547	1569	1350	1298	1187	1310	–	5840	721	299	419	1192	1071	1001	1080	1307	1413	839	102
Females .	.	15,986	.	.	1316	1155	1366	1231	1202	1080	1427	1641	1382	1431	1304	1451	–	4985	729	322	653	1639	1345	1080	1092	1236	1558	1287	60
Unknown .	.	.	33	.	2	3	3	1	3	4	2	6	2	2	5	–	–	33	–	–	–	–	–	–	–	–	–	–	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Fem.	.	10	.	10	–	1	2	–	–	3	1	–	–	–	1	2	–	Abortion . . .	–	–	–	1	8	1	–	–	–	–	–	–
Males	35	.	.	66	4	1	4	2	1	1	3	6	4	2	3	4	–	Abscess . . .	13	3	3	3	4	2	1	2	2	1	1	–
Fem.	.	31	.	.	2	2	5	2	2	1	1	3	1	2	4	6	–	" . . .	8	1	1	1	3	7	4	–	3	3	–	–
Males	5	.	.	8	–	–	1	1	1	1	–	–	–	1	–	–	–	Abscess, Lumbar .	2	–	–	–	2	1	–	–	–	–	–	–
Fem.	.	3	.	.	–	–	–	–	–	–	–	–	1	1	1	–	–	" " .	–	–	–	–	2	1	–	–	–	–	–	–
Males	2	.	.	2	–	–	1	1	–	–	–	–	–	–	–	–	–	Amputation . .	–	–	–	–	–	–	1	–	1	–	–	–
Males	36	.	.	98	2	1	3	1	3	2	4	3	3	8	2	4	–	Anæmia . . .	11	–	–	4	1	2	1	6	9	2	–	–
Fem.	.	62	.	.	5	3	2	7	5	3	5	12	5	5	1	9	–	" . . .	9	1	2	3	17	6	5	9	8	2	–	–
Males	15	.	.	22	3	2	2	–	1	–	1	–	–	2	3	1	–	Aneurism . .	–	–	–	–	–	2	5	4	2	1	–	1
Fem.	.	7	.	.	1	2	1	–	1	1	–	1	–	–	–	–	–	" . . .	–	–	–	1	–	1	2	2	1	–	–	–
Males	25	.	.	36	2	2	2	2	1	3	4	2	–	4	2	1	–	Angina Pectoris .	–	–	–	1	2	–	4	6	5	7	–	–
Fem.	.	11	.	.	1	–	–	–	2	1	1	–	2	1	3	–	–	" " .	–	–	–	–	1	–	4	–	3	2	1	–
Males	267	.	.	562	21	16	20	24	33	13	20	28	15	25	26	26	–	Apoplexy . .	1	–	–	–	10	9	25	48	69	78	25	2
Fem.	.	295	.	.	28	30	16	22	27	16	26	20	23	22	34	31	–	" . . .	–	–	2	1	3	10	27	53	64	90	43	2
Fem.	.	4	.	4	–	–	1	–	–	–	1	–	–	–	1	1	–	Arthritis . . .	–	–	–	1	–	2	–	–	1	–	–	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	5	.	.	10	–	1	–	1	–	–	–	–	2	1	–	–	–	Ascites . . .	–	–	–	–	–	1	1	2	1	–	–	–
Fem.	.	5	.	.	–	–	–	2	–	–	–	1	1	–	1	–	–	" . . .	–	–	–	–	–	1	–	2	2	–	–	–
Males	58	.	.	111	5	5	4	4	6	6	4	4	6	9	3	2	–	Asthma . . .	9	2	–	–	3	–	6	10	7	17	4	–
Fem.	.	53	.	.	5	3	2	5	6	1	2	5	5	5	5	9	–	" . . .	6	1	–	1	2	5	3	6	12	11	6	–
Males	36	.	.	68	2	3	3	1	1	3	3	4	7	5	1	3	–	Bowels, Disease of .	12	1	2	2	–	1	4	3	7	3	1	–
Fem.	.	32	.	.	3	3	4	3	1	1	3	6	2	2	4	–	–	" " .	6	2	1	–	2	4	–	6	4	3	4	–
Males	143	.	.	272	15	10	8	15	14	11	18	10	10	11	10	11	–	Brain, Disease of .	62	5	1	1	8	14	13	6	21	9	3	–
Fem.	.	128	.	.	9	8	15	12	16	7	9	15	4	16	8	9	–	" " .	37	2	4	6	12	11	16	12	17	9	1	1
Unk.	.	.	1	.	–	–	–	–	1	–	–	–	–	–	–	–	–	" " .	1	–	–	–	–	–	–	–	–	–	–	–
Males	68	.	.	118	1	6	7	6	4	5	9	3	4	10	4	9	–	Brain, Softening of .	–	–	–	–	2	6	10	12	14	19	5	–
Fem.	.	50	.	.	1	3	4	6	4	3	3	3	5	4	6	8	–	" " .	–	–	–	–	1	1	3	9	13	15	8	–
Males	266	.	.	548	22	33	22	19	14	22	21	14	12	20	33	34	–	Bronchitis . .	166	3	–	2	2	4	11	11	25	26	16	–
Fem.	.	282	.	.	26	24	27	21	22	12	19	12	15	31	34	39	–	" . .	136	6	–	1	4	5	10	13	27	40	40	–
Males	37	.	.	79	2	1	3	3	5	1	1	4	3	2	8	4	–	Burns and Scalds .	26	2	–	1	1	–	1	2	–	1	–	3
Fem.	.	42	.	.	5	3	4	1	2	–	4	7	4	5	5	2	–	" " .	12	3	2	1	5	3	7	2	4	2	1	–
Males	166	.	.	542	17	16	11	19	15	17	14	16	11	11	9	10	–	Cancer . . .	1	–	–	2	4	8	21	34	43	41	12	–
Fem.	.	376	.	.	33	24	37	41	26	35	35	32	19	29	32	33	–	" . . .	2	1	2	–	4	39	70	105	69	60	22	2

Digitized by Google

Males	31	.	.	73	1	3	2	3	5	2	1	–	5	4	3	2	–	Cancer of Liver .	–	–	–	–	2	3	6	7	7	4	2	–
Fem.	.	42	.	.	4	2	–	1	8	4	5	2	4	6	3	3	–	" " .	–	–	–	–	–	3	7	12	11	8	1	–
Males	61	.	.	113	5	5	3	6	4	3	5	7	2	7	8	6	–	Cancer of Stomach .	–	1	–	–	–	1	2	18	15	22	2	–
Fem.	.	52	.	.	8	4	2	3	2	9	3	7	2	6	2	4	–	" " .	–	–	–	–	1	3	7	10	17	10	4	–
Fem.	.	75	.	75	2	3	7	7	9	6	6	7	7	6	7	8	–	Cancer of Uterus .	–	–	–	–	1	14	26	22	8	4	–	–
Males	3	.	.	7	–	–	1	–	–	–	–	2	–	–	–	–	–	Carbuncle . .	–	–	–	–	1	–	–	–	1	1	–	–
Fem.	.	4	.	.	–	–	1	2	–	–	–	1	–	–	–	–	–	" . .	–	–	–	–	–	–	1	–	–	3	–	–
Males	227	.	.	280	15	14	13	22	23	16	25	15	26	28	11	19	–	Casualty . . .	14	14	10	13	31	30	29	23	27	22	10	4
Fem.	.	53	.	.	4	2	1	3	3	5	8	7	8	5	3	4	–	" . . .	6	5	1	2	5	–	2	7	4	12	8	1
Males	421	.	.	779	34	33	31	28	37	29	50	33	42	31	40	33	–	Cephalitis . .	277	41	13	5	17	20	12	11	10	11	2	2
Fem.	.	358	.	.	20	27	35	29	24	22	44	33	26	26	32	40	–	" . . .	226	32	10	7	23	14	10	9	12	10	5	–
Males	31	.	.	78	2	–	1	2	5	6	4	6	–	2	1	2	–	Cere. Sp. Meningitis,	19	3	4	1	1	2	–	–	1	–	–	–
Fem.	.	47	.	.	2	2	3	4	4	3	7	4	2	7	6	3	–	" " .	21	9	4	4	2	2	2	–	–	2	–	1
Fem.	.	168	.	168	12	23	16	20	13	9	17	7	14	10	8	19	–	Childbirth . .	–	–	–	13	61	84	10	–	–	–	–	–
Males	31	.	.	68	–	–	1	–	1	1	13	9	4	2	–	–	–	Cholera . . .	–	3	–	2	3	3	4	5	7	2	2	–
Fem.	.	37	.	.	–	–	–	1	–	–	14	11	8	1	1	1	–	" . . .	–	7	–	2	2	3	2	2	2	11	6	–
Males	846	.	.	1573	1	7	7	5	8	13	263	328	155	50	8	1	–	Cholera Infantum .	846	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	725	.	.	7	3	7	1	6	11	230	290	120	42	5	3	–	" " .	725	–	–	–	–	–	–	–	–	–	–	–
Unk.	.	.	2	.	–	–	–	–	–	–	–	2	–	–	–	–	–	" " .	2	–	–	–	–	–	–	–	–	–	–	–
Males	1	.	.	4	–	1	–	–	–	–	–	–	–	–	–	–	–	Chorea . . .	–	–	–	1	–	–	–	–	–	–	–	–
Fem.	.	3	.	.	–	–	2	1	–	–	–	–	–	–	–	–	–	" . . .	–	–	1	1	–	–	–	–	1	–	–	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20.	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	2275	.	.	5334	191	186	210	217	213	173	181	161	171	184	182	206	–	Consumption . .	136	15	28	184	613	471	313	214	182	96	15	8
Fem.	.	3058	.	.	274	227	299	264	264	263	208	250	240	275	238	256	–	" . .	134	32	79	418	905	583	333	227	160	136	40	11
Unk.	.	.	1	.	–	–	–	–	–	–	1	–	–	–	–	–	–	" . .	1	–	–	–	–	–	–	–	–	–	–	–
Males	286	.	.	542	18	26	20	13	29	24	47	24	29	16	21	19	–	Convulsions . .	276	6	–	–	2	–	–	–	–	2	–	–
Fem.	.	254	.	.	23	18	28	19	15	22	20	25	22	26	20	16	–	" . .	228	8	2	2	11	3	–	–	–	–	–	–
Unk.	.	.	2	.	–	–	–	–	–	–	–	1	1	–	–	–	–	" . .	2	–	–	–	–	–	–	–	–	–	–	–
Males	316	.	.	583	50	21	27	18	19	14	6	9	14	38	46	54	–	Croup . . .	266	45	5	–	–	–	–	–	–	–	–	–
Fem.	.	267	.	.	24	21	16	24	19	11	5	7	14	39	42	45	–	" . . .	211	53	1	–	–	1	–	–	–	–	–	1
Males	31	.	.	62	3	1	3	2	2	3	1	3	2	2	3	6	–	Cyanosis . . .	31	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	31	.	.	1	5	1	3	2	4	3	2	3	6	–	1	–	" . . .	29	1	–	–	–	–	–	–	–	–	–	1
Males	63	.	.	78	1	5	8	2	6	2	5	4	7	9	3	11	–	Cystitis . . .	–	–	–	–	–	2	4	6	15	27	9	–
Fem.	.	15	.	.	2	1	3	3	–	–	–	3	–	–	1	2	–	" . . .	–	–	–	–	1	–	1	2	3	7	1	–
Males	315	.	.	610	26	17	22	26	25	21	23	42	29	20	29	35	–	Debility . . .	260	5	–	2	3	2	4	10	15	10	–	4
Fem.	.	292	.	.	22	25	23	15	18	25	29	34	33	24	22	22	–	" . . .	194	5	–	–	8	6	12	22	29	14	–	2
Unk.	.	.	3	.	–	–	–	–	–	1	1	–	1	–	–	–	–	" . . .	3	–	–	–	–	–	–	–	–	–	–	–
Males	14	.	.	16	1	–	–	–	–	2	1	2	2	–	3	3	–	Delirium Tremens .	–	–	–	–	–	6	5	1	2	–	–	–
Fem.	.	2	.	.	–	–	–	–	–	–	–	–	–	2	–	–	–	" " .	–	–	–	–	1	1	–	–	–	–	–	–

Digitized by Google

Males	52	.	.	83	5	7	7	2	6	5	3	4	1	2	5	5	–	Diabetes . . .	3	1	4	4	5	7	7	3	9	8	–	1
Fem.	.	31	.	.	1	–	3	2	2	3	4	3	3	3	4	3	–	" . . .	–	2	1	3	2	5	6	4	5	2	1	–
Males	185	.	.	365	2	2	3	6	8	9	33	51	39	20	7	5	–	Diarrhœa . . .	145	3	1	1	3	4	2	6	7	9	3	1
Fem.	.	180	.	.	10	3	6	4	6	7	26	53	37	17	5	6	–	" . . .	116	3	–	–	8	7	8	6	7	13	12	–
Males	881	.	.	1934	110	73	73	59	58	73	54	49	56	92	86	98	–	Diphtheria . . .	531	250	68	11	12	3	2	–	–	1	1	2
Fem.	.	1053	.	.	136	86	86	78	68	60	58	52	66	122	107	134	–	" . . .	615	300	81	12	20	6	5	7	3	2	–	2
Males	151	.	.	370	17	16	11	13	9	5	10	10	13	17	14	16	–	Dropsy . . .	8	3	2	3	3	8	13	17	38	39	17	–
Fem.	.	219	.	.	18	19	17	18	21	20	8	16	13	27	23	19	–	" . . .	5	4	4	1	16	16	25	27	40	55	22	4
Males	207	.	.	241	19	8	12	13	18	20	34	25	11	15	9	23	–	Drowned . . .	14	36	18	10	34	34	20	21	8	1	–	11
Fem.	.	34	.	.	5	3	2	–	3	2	5	6	3	3	2	–	–	" . . .	6	1	4	3	6	5	4	2	1	1	–	1
Males	290	.	.	602	6	2	3	1	7	5	46	114	61	38	3	4	–	Dysentery . . .	153	27	8	4	12	7	14	12	16	22	14	1
Fem.	.	312	.	.	1	3	2	1	6	8	44	114	91	33	7	2	–	" . . .	133	20	2	6	13	9	13	26	28	37	24	1
Males	32	.	.	54	2	4	6	1	1	2	4	–	7	3	1	1	–	Dyspepsia . . .	19	1	–	–	–	1	–	5	3	3	–	–
Fem.	.	22	.	.	1	1	3	2	1	2	1	2	4	4	1	–	–	" . . .	9	–	–	–	1	–	2	1	1	7	1	–
Males	8	.	.	22	1	–	–	–	2	2	1	2	–	–	–	–	–	Embolism . . .	–	–	–	–	–	–	–	4	3	1	–	–
Fem.	.	14	.	.	3	–	1	–	–	3	–	1	–	1	3	2	–	" . . .	–	1	–	–	2	5	–	3	–	3	–	–
Males	203	.	.	388	10	6	9	19	8	12	28	29	31	21	20	10	–	Enteritis . . .	122	9	7	4	10	10	9	7	10	11	4	–
Fem.	.	185	.	.	15	10	10	10	5	7	24	30	29	16	10	19	–	" . . .	92	5	6	8	8	7	6	16	22	11	4	–
Males	39	.	.	81	5	4	1	4	1	4	4	–	6	4	4	2	–	Epilepsy . . .	4	–	2	5	5	5	5	2	3	6	2	–
Fem.	.	42	.	.	2	4	1	1	5	–	4	4	6	6	3	6	–	" . . .	1	2	4	3	7	9	4	4	3	2	1	2
Males	4	.	.	4	–	–	1	–	–	–	–	1	1	1	–	–	–	Epistaxis . . .	–	1	–	1	–	–	–	–	–	–	2	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	2	.	.	4	–	–	–	–	–	–	–	–	1	–	1	–	–	Epithelioma . .	–	–	–	–	–	–	1	–	1	–	–	–
Fem.	.	2	.	.	–	–	1	–	–	–	1	–	–	–	–	–	–	" . .	–	–	–	–	–	1	1	–	–	–	–	–
Males	85	.	.	168	7	4	11	4	6	6	8	7	11	7	5	9	–	Erysipelas . .	24	3	3	1	4	4	9	10	11	14	2	–
Fem.	.	83	.	.	7	6	3	8	7	3	10	4	2	8	13	12	–	" . . .	33	2	1	1	4	7	9	5	6	9	6	–
Males	1	.	.	1	–	–	–	–	–	–	–	1	–	–	–	–	–	Executed . .	–	–	–	–	–	–	1	–	–	–	–	–
Males	7	.	.	12	1	–	1	–	–	–	–	–	–	–	4	1	–	Exposure . . .	3	–	–	–	–	–	3	–	–	–	–	1
Fem.	.	5	.	.	–	–	2	–	1	–	–	–	–	2	–	–	–	" . . .	1	–	–	–	–	–	2	1	1	–	–	–
Males	5	.	.	7	–	–	–	1	–	1	–	–	2	–	1	–	–	Fever, Intermittent .	1	–	–	–	–	4	–	–	–	–	–	–
Fem.	.	2	.	.	–	–	–	–	–	–	–	–	1	1	–	–	–	" " .	–	–	–	–	–	–	–	1	–	–	1	–
Males	10	.	.	17	1	1	–	–	1	3	1	–	1	–	2	–	–	Fever, Remittent .	3	2	–	–	1	1	1	1	1	–	–	–
Fem.	.	7	.	.	–	1	–	–	–	–	1	1	3	–	1	–	–	" " .	3	–	–	1	1	–	–	–	1	–	1	–
Males	336	.	.	679	37	19	32	16	20	14	13	32	47	47	30	29	–	Fever, Typhoid .	35	24	24	41	80	39	24	21	26	18	3	1
Fem.	.	343	.	.	31	13	27	29	22	20	17	45	36	49	37	17	–	" " .	32	25	32	45	82	36	26	23	13	20	8	1
Males	2	.	.	3	–	2	–	–	–	–	–	–	–	–	–	–	–	Fistula . . .	–	–	–	–	–	1	–	–	–	1	–	–
Fem.	.	1	.	.	–	–	–	–	–	1	–	–	–	–	–	–	–	" . . .	–	–	–	–	–	–	1	–	–	–	–	–
Males	13	.	.	20	3	1	3	–	1	–	–	2	–	2	1	–	–	Fits . . .	–	1	–	–	2	3	2	–	2	3	–	–
Fem.	.	7	.	.	2	–	1	–	–	1	–	–	1	1	–	1	–	"	–	–	1	–	–	2	1	1	–	2	–	–

Digitized by Google

Males	57	.	.	93	3	3	3	4	7	3	7	5	5	3	3	11	–	Fracture . . .	3	2	–	2	7	9	9	5	6	4	10	–
Fem.	.	36	.	.	2	3	2	3	1	2	3	8	5	2	3	2	–	" . . .	3	–	–	–	–	1	1	2	5	11	13	–
Fem.	1	.	.	1	–	–	–	–	–	–	1	–	–	–	–	–	–	Fright in Pregnancy,	–	–	–	–	1	–	–	–	–	–	–	–
Males	2	.	.	4	1	1	–	–	–	–	–	–	–	–	–	–	–	Frozen . . .	–	–	–	–	1	–	1	–	–	–	–	–
Fem.	.	2	.	.	1	–	–	–	–	–	–	–	–	–	–	1	–	" . . .	1	–	–	–	–	–	–	1	–	–	–	–
Males	61	.	.	151	2	5	6	3	1	3	5	4	8	3	8	13	–	Gastritis . . .	17	3	–	1	4	3	3	9	8	11	1	1
Fem.	.	90	.	.	5	5	5	3	5	9	10	6	18	8	8	8	–	" . . .	15	2	1	3	18	11	9	9	7	11	4	–
Males	1	.	.	3	–	–	–	–	–	–	–	1	–	–	–	–	–	Goitre . . .	–	–	–	–	–	–	–	–	1	–	–	–
Fem	.	2	.	.	1	–	–	–	1	–	–	–	–	–	–	–	–	" . . .	–	–	–	–	–	–	–	–	2	–	–	–
Males	3	.	.	4	–	–	1	2	–	–	–	–	–	–	–	–	–	Gout . . .	–	–	–	–	–	–	–	–	2	–	1	–
Fem.	.	1	.	.	–	–	–	1	–	–	–	–	–	–	–	–	–	" . . .	–	–	–	–	–	–	–	1	–	–	–	–
Males	10	.	.	17	1	1	2	–	1	1	–	–	1	–	2	1	–	Gravel . . .	–	–	–	–	–	–	1	–	3	3	3	–
Fem.	.	7	.	.	–	1	–	–	–	–	2	1	–	–	2	1	–	" . . .	–	–	–	–	–	1	2	3	1	–	–	–
Males	685	.	.	1442	59	57	61	67	64	61	50	50	48	58	58	52	–	Heart Disease . .	34	11	18	16	38	44	67	109	143	165	35	5
Fem.	.	757	.	.	59	73	69	65	64	55	51	47	51	70	77	73	–	" " . .	35	12	13	8	48	66	90	96	148	168	70	3
Males	37	.	.	46	–	–	–	–	1	2	29	1	2	2	–	–	–	Heat . . .	1	1	–	3	3	12	7	2	5	3	–	–
Fem.	.	9	.	.	–	–	–	–	–	–	9	–	–	–	–	–	–	" . . .	2	1	–	1	2	–	1	–	1	1	–	–
Males	38	.	.	77	3	6	1	1	2	3	2	3	3	6	5	3	–	Hemorrhage . .	12	–	–	3	3	1	6	3	2	7	1	–
Fem.	.	38	.	.	3	1	2	3	2	2	8	4	2	3	3	5	–	" . .	9	–	–	1	10	4	4	5	4	1	–	–
Unk.	.	.	1	.	1	–	–	–	–	–	–	–	–	–	–	–	–	" . .	1	–	–	–	–	–	–	–	–	–	–	–
Males	41	.	.	77	4	2	2	4	1	9	5	4	–	3	4	3	–	Hepatitis . . .	4	2	–	1	2	3	5	7	10	3	4	–
Fem.	.	36	.	.	2	2	2	2	5	5	1	3	9	2	1	2	–	" . . .	1	–	–	–	2	5	8	7	7	3	3	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	26	.	.	51	1	2	2	1	6	–	4	2	–	4	2	2	–	Hernia . . .	3	–	–	–	1	2	–	2	4	5	9	–
Fem.	.	25	.	.	–	7	1	2	4	2	2	–	–	2	2	3	–	" . . .	–	–	–	1	1	–	2	5	5	9	2	–
Males	16	.	.	30	–	–	1	2	–	2	2	3	1	1	1	3	–	Hip Disease . .	2	8	2	2	–	1	–	–	1	–	–	–
Fem.	.	14	.	.	2	3	1	1	–	3	1	2	–	–	1	–	–	" . .	3	4	3	–	2	1	–	–	1	–	–	–
Males	12	.	.	15	–	1	–	–	–	3	3	–	2	1	–	2	–	Homicide . .	–	–	1	4	3	2	1	–	1	–	–	–
Fem.	.	3	.	.	–	–	2	–	–	–	–	–	–	–	–	1	–	" . . .	–	–	–	–	1	1	1	–	–	–	–	–
Males	251	.	.	430	24	13	19	22	22	25	18	20	28	21	18	21	–	Hydrocephalus .	227	15	3	1	1	–	1	1	–	1	1	–
Fem.	.	179	.	.	12	17	23	13	12	13	10	20	16	22	7	14	–	" . .	161	11	3	1	1	1	–	–	–	–	–	1
Males	12	.	.	15	3	1	1	–	1	1	–	4	1	–	–	–	–	Hydrophobia . .	1	2	2	1	1	1	–	2	2	–	–	–
Fem.	.	3	.	.	–	–	–	1	1	–	–	–	–	–	–	1	–	" . .	–	–	–	–	1	–	1	–	–	–	1	–
Males	16	.	.	18	2	–	3	1	2	1	3	–	1	3	–	–	–	Hydrothorax . .	–	2	–	–	–	2	–	4	4	2	2	–
Fem.	.	2	.	.	–	–	–	–	–	–	–	1	–	–	1	–	–	" . .	–	–	–	–	–	–	1	1	–	–	–	–
Males	43	.	.	71	1	5	3	3	–	2	6	4	6	4	6	3	–	Ileus . . .	9	–	1	–	2	3	6	6	7	6	3	–
Fem.	.	28	.	.	2	–	2	8	2	3	3	–	1	2	3	2	–	" . . .	8	–	–	1	1	3	2	4	1	7	1	–
Males	3	.	.	4	–	–	1	1	–	–	–	1	–	–	–	–	–	Infanticide . .	3	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	1	.	.	–	–	–	–	–	–	–	–	–	1	–	–	–	" . .	1	–	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Males	142	.	.	243	12	16	17	23	12	9	18	14	5	9	5	2	–	Infantile . . .	142	–	–	–	–	–	–	–	–	–	–
Fem.	.	101	.	.	8	4	11	5	10	8	11	11	5	12	8	8	–	" . . .	101	–	–	–	–	–	–	–	–	–	–
Males	12	.	.	22	–	2	2	–	2	–	1	1	1	1	2	–	–	Inflammation . .	7	1	–	–	–	–	–	2	1	1	–	–
Fem.	.	10	.	.	1	2	–	–	1	1	1	–	–	2	2	–	–	" . .	4	–	–	–	1	–	–	3	1	1	–	–
Fem.	.	1	.	1	–	–	–	–	–	1	–	–	–	–	–	–	–	Inhalation of Gas .	–	–	–	–	–	1	–	–	–	–	–	–
Males	11	.	.	22	2	1	1	1	1	–	–	1	–	–	–	4	–	Influenza . . .	6	–	–	1	1	–	–	–	–	1	2	–
Fem.	.	11	.	.	2	1	3	1	1	1	–	–	–	–	1	1	–	" . . .	7	1	–	–	–	–	–	–	1	1	1	–
Males	70	.	.	152	8	7	7	4	6	5	6	6	4	4	5	8	–	Insanity . . .	–	–	–	1	2	13	12	12	13	13	2	2
Fem.	.	82	.	.	9	8	5	8	5	5	5	5	6	8	10	8	–	" . . .	–	–	–	1	6	13	15	7	15	18	6	1
Males	28	.	.	49	2	1	4	2	3	1	4	3	2	3	2	1	–	Intemperance . .	–	–	–	–	6	9	6	3	2	2	–	–
Fem.	.	21	.	.	2	1	3	–	3	3	3	–	1	1	1	3	–	" . .	–	–	–	–	2	8	7	2	1	1	–	–
Males	3	.	.	7	–	–	–	–	1	–	1	–	1	–	–	–	–	Intussusception .	–	–	–	1	–	–	–	2	–	–	–	–
Fem	.	4	.	.	1	1	–	–	–	–	–	–	–	1	–	1	–	" .	–	–	–	–	–	1	1	–	–	–	2	–
Males	7	.	.	8	–	1	–	1	–	–	–	3	1	–	–	1	–	Ischuria . . .	–	–	–	–	–	–	1	–	2	2	2	–
Fem.	.	1	.	.	–	–	–	–	–	1	–	–	–	–	–	–	–	" . . .	–	–	–	–	–	–	–	1	–	–	–	–
Males	21	.	.	39	2	4	4	2	–	1	–	3	1	2	1	1	–	Jaundice . . .	9	–	–	–	–	1	2	3	2	3	1	–
Fem.	.	18	.	.	–	1	1	2	–	2	2	6	1	1	2	–	–	" . . .	4	–	–	–	–	1	2	4	3	3	1	–
Males	4	.	.	6	–	–	1	–	–	–	–	1	–	–	1	1	–	Joint Disease . .	–	–	1	1	–	–	–	–	1	1	–	–
Fem.	.	2	.	.	1	–	–	–	–	–	–	–	–	–	–	1	–	" " . .	1	–	–	–	–	–	1	–	–	–	–	–
Males	99	.	.	146	13	10	11	12	7	1	9	10	7	9	4	6	–	Kidney Disease .	3	–	1	2	3	6	4	12	34	21	13	–
Fem.	.	47	.	.	2	2	3	8	2	5	6	6	4	3	4	2	–	" " . .	5	–	2	–	7	6	8	4	10	3	1	1
Males	11	.	.	29	1	–	1	1	1	2	1	1	–	2	–	1	–	Laryngitis . .	8	1	1	–	–	–	–	–	1	–	–	–
Fem.	.	18	.	.	1	2	3	1	2	1	1	–	–	4	–	3	–	" . . .	7	5	–	1	1	1	2	–	1	–	–	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70.	70 to 80	Over 80	Unknown.
Males	2	.	.	5	–	–	–	–	–	–	–	2	–	–	–	–	–	Lightning . .	–	–	–	–	–	1	–	–	1	–	–	–
Fem.	.	3	.	.	–	–	–	–	–	–	2	1	–	–	–	–	–	" . .	–	–	–	–	1	1	1	–	–	–	–	–
Males	112	.	.	207	4	8	10	10	10	7	13	16	7	11	9	7	–	Liver Disease . .	4	3	–	1	2	6	20	30	32	13	1	–
Fem.	.	95	.	.	10	6	5	9	11	9	8	8	8	7	10	4	–	" " . .	6	–	–	1	8	7	17	12	19	20	9	1
Males	58	.	.	58	24	6	7	2	2	3	–	2	2	6	3	1	–	Lost at Sea . .	–	–	–	4	14	8	4	2	–	–	–	26
Males	29	.	.	57	1	6	4	1	2	1	5	1	2	1	2	3	–	Lung Disease . .	9	–	–	1	1	4	5	4	1	4	–	–
Fem.	.	28	.	.	3	3	4	2	1	1	2	–	1	4	2	5	–	" " . .	5	1	–	–	5	4	2	3	6	1	1	–
Males	40	.		60	1	5	4	4	3	4	4	2	2	2	6	3	–	Malformation . .	39	–	–	–	1	–	–	–	–	–	–	–
Fem.	.	20	.	.	1	–	1	3	2	–	2	1	–	5	4	1	–	" . .	20	–	–	–	–	–	–	–	–	–	–	–
Males	1	.	.	2	–	–	–	–	1	–	–	–	–	–	–	–	–	Malignant Pustule .	–	–	–	–	1	–	–	–	–	–	–	–
Fem.	.	1	.	.	–	–	–	–	–	1	–	–	–	–	–	–	–	" " .	–	–	–	–	–	–	1	–	–	–	–	–
Males	155	.	.	305	9	15	18	17	27	33	23	5	2	1	1	4	–	Measles . . .	133	15	2	1	1	1	1	–	1	–	–	–
Fem.	.	149	.	.	4	14	15	19	25	24	31	6	1	5	4	1	–	" . . .	128	11	3	3	4	–	–	–	–	–	–	–
Unk.	.	.	1	.	1	–	–	–	–	–	–	–	–	–	–	–	–	" . . .	1	–		–	–	–	–	–	–	–	–	–
Fem.	.	53	.	53	2	4	10	4	3	6	3	3	4	4	1	9	–	Metria (Puerp. F.) .	–	–	–	3	25	21	3	1	–	–	–	–
Fem.	.	9	.	9	–	–	2	–	1	1	1	2	1	–	–	1	–	Metritis . . .	–	–	–	–	4	5	–	–	–	–	–	–

Digitized by Google

Fem.	.	8	.	8	–	1	1	1	1	–	–	2	–	–	2	–	–	Miscarriage . .	–	–	–	–	3	3	1	–	–	–	–	1
Males	27	.	.	46	4	3	2	2	2	2	2	1	2	1	2	4	–	Mortification . .	1	–	–	1	1	2	2	2	3	8	7	–
Fem.	.	19	.	.	1	3	–	2	1	1	3	1	2	1	3	1	–	" . .	–	–	–	–	–	–	1	2	4	4	8	–
Fem.	.	1	.	1	–	–	–	–	–	–	–	1	–	–	–	–	–	Murder . . .	–	–	–	–	–	–	1	–	–	–	–	–
Males	8	.	.	13	–	–	1	–	1	–	1	–	3	1	–	1	–	Necrosis . . .	–	–	1	–	1	–	1	3	1	1	–	–
Fem.	.	5	.	.	–	–	1	–	–	1	1	1	1	–	–	–	–	" . . .	1	–	–	–	1	2	–	–	1	–	–	–
Males	228	.	.	383	21	16	17	25	19	20	23	20	15	20	15	17	–	Nephria (Bright's D.)	3	2	3	8	22	26	38	52	41	26	7	–
Fem.	.	155	.	.	10	9	7	8	13	11	14	17	15	13	19	19	–	" " .	2	2	2	8	27	26	17	19	24	23	5	–
Males	58	.	.	86	6	1	6	3	6	7	4	3	1	8	6	7	–	Nephritis . . .	4	2	1	1	5	7	7	6	12	9	4	–
Fem.	.	28	.	.	2	2	2	4	4	1	1	4	1	1	3	3	–	" . . .	5	1	–	1	5	3	1	3	7	1	1	–
Males	6	.	.	13	–	1	1	–	–	1	–	–	1	1	–	1	–	Neuralgia . .	–	1	–	–	–	1	–	1	2	1	–	–
Fem.	.	7	.	.	–	–	–	–	–	1	3	1	1	1	–	–	–	" . . .	–	–	–	1	–	–	2	1	1	2	–	–
Males	19	.	.	41	–	–	–	1	3	3	1	3	3	3	2	–	–	Noma (canker) .	18	–	–	–	–	–	–	1	–	–	–	–
Fem.	.	21	.	.	2	3	–	3	1	–	1	7	2	1	1	–	–	" " . .	19	1	–	–	–	–	1	–	–	–	–	–
Unk.	.	.	1	.	–	–	–	–	–	1	–	–	–	–	–	–	–	" " . .	1	–	–	–	–	–	–	–	–	–	–	–
Males	637	.	.	1596	52	52	55	50	32	47	58	52	58	54	65	62	–	Old Age . . .	–	–	–	–	–	–	–	–	12	205	420	–
Fem.	.	959	.	.	88	77	107	75	71	64	77	66	70	79	89	96	–	" . . .	–	–	–	–	–	–	–	–	29	263	666	1
Fem.	.	1	.	1	–	–	–	–	–	–	–	–	–	1	–	–	–	Osteosarcoma .	–	–	–	–	1	–	–	–	–	–	–	–
Fem.	.	40	.	40	3	1	3	2	3	4	2	2	5	8	6	1	–	Ovarian Dropsy .	–	–	–	–	4	2	13	8	4	7	2	–
Males	1	.	.	1	–	–	–	–	1	–	–	–	–	–	–	–	–	Pancreas, Disease of .	–	–	–	–	1	–	–	–	–	–	–	–

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	432	.	.	895	36	30	33	37	32	46	33	34	35	28	34	54	–	Paralysis . . .	5	1	–	–	3	18	34	58	91	147	73	2
Fem.	.	463	.	.	44	25	48	45	33	41	44	36	31	38	37	41	–	" . . .	5	1	1	3	8	19	23	51	97	165	90	–
Fem.	.	5	.	5	–	–	–	–	–	–	1	–	1	1	1	1	–	Paramenia . .	–	–	1	1	–	1	2	–	–	–	–	–
Males	1	.	.	6	–	–	–	–	–	–	–	–	1	–	–	–	–	Parotitis . . .	1	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	5	.	.	1	–	–	–	–	–	–	1	1	1	1	–	–	" . . .	4	–	–	–	–	–	–	–	1	–	–	–
Males	1	.	.	5	–	1	–	–	–	–	–	–	–	–	–	–	–	Pelvic Cellulitis .	–	–	–	–	–	–	–	1	–	–	–	–
Fem.	.	4	.	.	1	–	–	–	–	1	–	–	1	–	–	1	–	" " .	–	–	–	–	2	1	–	1	–	–	–	–
Males	26	.	.	49	3	1	1	1	–	2	1	4	3	4	4	2	–	Pericarditis . .	–	2	1	3	3	3	2	3	7	2	–	–
Fem.	.	23	.	.	3	–	4	–	1	5	–	–	3	3	–	4	–	" . . .	2	2	1	1	4	5	2	2	2	–	2	–
Males	66	.	.	164	3	4	4	4	9	4	11	5	6	8	4	4	–	Peritonitis . .	13	3	5	2	13	10	2	6	7	3	1	1
Fem.	.	98	.	.	7	2	4	11	11	5	15	10	12	6	5	10	–	" . . .	5	1	5	11	24	27	11	3	5	5	1	–
Males	4	.	.	9	1	–	2	–	–	1	–	–	–	–	–	–	–	Phlebitis . . .	1	–	1	–	1	1	–	–	–	–	–	–
Fem.	.	5	.	.	–	–	–	1	–	1	1	–	1	–	–	1	–	" . . .	–	–	–	–	–	3	–	–	–	1	1	–
Males	24	.	.	62	1	3	–	2	2	1	3	2	–	5	4	1	–	Pleurisy . . .	2	–	1	–	2	3	3	4	4	5	–	–
Fem.	.	38	.	.	6	4	6	3	2	1	2	2	2	5	1	4	–	" . . .	5	2	–	–	2	2	1	8	5	11	2	–
Males	1090	.	.	2171	136	135	141	125	91	67	42	36	43	59	96	119	–	Pneumonia . .	446	40	10	21	61	72	79	83	108	114	55	1
Fem.	.	1080	.	.	129	122	132	112	95	59	44	36	41	63	97	150	–	" . .	339	39	8	20	61	66	86	81	118	155	10	4
Unk.	.	.	1	.	–	1	–	–	–	–	–	–	–	–	–	–	–	" . .	1	–	–	–	–	–	–	–	–	–	–	–

Digitized by Google

Males	22	.	.	40	1	1	3	3	–	–	4	3	1	1	2	3	–	Poisoned . . .	3	2	2	–	1	4	4	3	–	3	–	–
Fem.	.	18	.	.	1	–	2	1	1	1	2	2	3	3	1	1	–	" . . .	5	–	–	–	3	4	2	1	3	–	–	–
Males	182	.	.	335	11	11	17	12	16	12	16	15	22	12	19	19	–	Premature Births .	182	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	147	.	.	9	7	11	11	21	10	13	13	9	12	9	22	–	" " .	147	–	–	–	–	–	–	–	–	–	–	–
Unk.	.	.	6	.	–	–	1	–	1	–	–	1	–	1	2	–	–	" " .	6	–	–	–	–	–	–	–	–	–	–	–
Males	19	.	.	19	2	–	2	–	1	1	2	1	2	1	4	3	–	Prostate, Disease of .	–	–	–	–	–	–	–	–	3	10	6	–
Fem.	.	28	.	28	2	2	2	1	4	–	2	5	6	2	–	2	–	Puerperal Convul. .	–	–	–	1	13	12	2	–	–	–	–	–
Males	16	.	.	29	2	–	2	2	2	3	–	1	2	2	–	–	–	Purpura (Scurvy) .	8	2	1	–	–	–	–	1	1	2	1	–
Fem.	.	13	.	.	–	1	–	2	2	–	–	2	1	3	–	2	–	" " .	6	–	2	–	2	2	–	–	–	1	–	–
Males	1	.	.	10	–	–	–	–	–	1	–	–	–	–	–	–	–	Quinsy . . .	–	1	–	–	–	–	–	–	–	–	–	–
Fem.	.	9	.	.	–	1	–	–	2	1	2	–	–	–	2	1	–	" . . .	7	1	–	–	–	1	–	–	–	–	–	–
Males	115	.	.	129	7	5	8	4	7	6	12	11	14	27	5	9	–	Railroad Accident .	–	6	8	4	38	14	13	15	6	4	1	6
Fem.	.	14	.	.	2	–	3	–	–	1	1	–	3	2	2	–	–	" " .	1	1	1	1	2	2	1	3	1	1	–	–
Males	79	.	.	157	9	5	9	5	11	9	6	6	5	4	4	6	–	Rheumatism . .	2	4	6	2	4	6	11	10	11	19	4	–
Fem.	.	78	.	.	9	6	2	11	8	2	8	5	5	6	6	10	–	" . .	1	3	4	8	10	5	7	8	15	11	6	–
Males	215	.	.	404	20	11	16	34	10	17	17	11	12	22	25	20	–	Scarlatina . .	146	53	8	2	3	–	1	–	–	–	–	2
Fe	.	189	.	.	16	13	12	13	19	12	8	6	7	17	28	38	–	" . . .	115	59	9	1	4	–	–	–	1	–	–	–
Males	44	.	.	92	4	6	2	6	3	3	3	6	3	4	1	3	–	Scrofula . . .	27	3	2	5	3	2	–	1	1	–	–	–
Fem.	.	48	.	.	3	6	2	8	8	6	5	2	2	3	1	2	–	" . . .	20	4	2	2	7	3	2	4	4	–	–	–
Males	8	.	.	25	1	2	1	–	1	–	1	–	–	1	1	–	–	Septicæmia . .	2	–	1	1	1	1	1	–	1	–	–	–
Fem.	.	17	.	.	–	2	–	1	2	2	1	–	1	2	3	3	–	" . .	–	–	–	1	5	6	2	–	1	–	1	1

Digitized by Google

TABLE VIII. — Continued.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	6	.	.	8	–	–	–	–	–	1	2	1	–	1	1	–	–	Skin Diseases . .	6	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	2	.	.	–	–	–	–	1	–	–	–	1	–	–	–	–	" . .	–	–	–	–	–	1	–	1	–	–	–	–
Males	1	.	.	2	–	–	–	–	1	–	–	–	–	–	–	–	–	Small-pox . .	1	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	1	.	.	–	1	–	–	–	–	–	–	–	–	–	–	–	" . . .	1	–	–	–	–	–	–	–	–	–	–	–
Males	8	.	.	16	1	2	–	–	–	–	–	–	2	1	1	1	–	Spina Bifida . .	7	1	–	–	–	–	–	–	–	–	–	–
Fem.	.	8	.	.	–	1	1	3	1	–	1	–	1	-	–	–	–	" . .	8	–	–	–	–	–	–	–	–	–	–	–
Males	40	.	.	78	2	2	7	1	5	4	6	2	3	3	3	2	–	Spine Disease . .	12	5	2	4	3	3	3	2	5	1	–	–
Fem.	.	38	.	.	3	3	3	4	3	2	1	4	4	5	2	4	–	" " . .	13	4	3	1	3	2	2	4	1	4	1	–
Males	3	.	.	4	–	–	–	–	–	1	1	–	–	–	–	1	–	Spleen Disease .	–	–	–	–	–	–	2	–	1	–	–	–
Fem.	.	1	.	.	–	–	–	1	–	–	–	–	–	–	–	–	–	" " . .	–	–	–	–	–	–	1	–	–	–	–	–
Fem.	.	1	.	1	–	–	–	–	–	–	–	–	–	–	–	1	–	Starvation . .	–	–	–	–	–	1	–	–	–	–	–	–
Males	37	.	.	64	4	3	1	4	4	5	3	3	3	2	3	2	–	Stomach Disease .	5	–	–	–	–	1	7	5	9	8	2	–
Fem.	.	27	.	.	5	1	2	2	1	–	4	6	1	–	1	4	–	" " .	2	–	1	2	3	5	–	6	4	4	–	–
Males	9	.	.	14	–	–	–	–	–	–	3	3	3	–	–	–	–	Strangulation . .	2	–	–	–	–	1	1	1	4	–	–	–
Fem.	.	5	.	.	–	–	–	1	–	2	–	1	–	–	1	–	–	" . .	4	–	–	–	–	–	–	–	1	–	–	–
Males	4	.	.	11	–	–	1	–	1	–	2	–	–	–	–	–	–	Strict. of Intestines .	–	–	1	–	–	1	–	–	–	1	1	–
Fem.	.	7	.	.	1	–	1	–	–	1	1	1	–	–	1	1	–	" " .	–	–	–	–	1	1	1	1	2	1	–	–

Digitized by Google

Males	3	.	.	5	–	–	–	–	1	–	1	–	1	–	–	–	–	Strict. Œsophagus .	1	–	–	–	–	–	1	–	1	–	–	–
Fem.	.	2	.	.	–	–	1	–	1	–	–	–	–	–	–	–	–	" " .	–	–	–	–	–	–	–	–	2	–	–	–
Males	3	.	.	3	–	–	1	–	–	1	–	–	1	–	–	–	–	Strict. of Urethra .	–	–	–	–	2	–	–	–	–	1	–	–
Males	10	.	.	15	–	1	2	2	–	–	1	–	–	1	2	1	–	Suddenly . .	1	–	–	1	–	–	–	–	2	6	–	–
F	.	5	.	.	2	–	–	–	–	–	–	–	1	–	1	1	–	" . . .	1	–	–	–	–	–	–	–	3	–	1	–
Males	30	.	.	45	3	–	1	5	–	3	3	1	3	2	5	4	–	Suffocation . .	17	1	1	1	1	1	4	1	1	1	–	1
Fem.	.	15	.	.	3	3	1	–	–	–	1	1	–	3	1	2	–	" . .	11	–	–	–	3	–	–	–	–	–	1	–
Males	112	.	.	126	8	8	13	9	13	11	8	4	9	8	11	10	–	Suicide . . .	–	–	1	1	18	23	12	27	20	7	1	2
Fem.	.	14	.	.	–	2	2	1	1	1	1	–	4	–	–	2	–	" . . .	–	–	–	–	2	5	2	2	2	1	–	–
Males	34	.	.	71	2	–	6	5	2	1	4	3	2	3	5	1	–	Syphilis . . .	30	–	–	1	–	1	1	1	–	–	–	–
Fem.	.	37	.	.	1	1	7	2	5	1	1	5	7	3	2	2	–	" . . .	21	–	–	2	2	7	–	2	2	–	–	1
Males	217	.	.	458	11	10	18	13	9	11	21	20	32	28	17	27	–	Tabes Mesenterica .	178	4	1	–	4	2	1	3	6	10	7	1
Fem.	.	241	.	.	8	17	20	14	16	15	23	32	35	28	18	15	–	" " .	197	2	1	6	7	6	1	4	10	3	3	1
Males	127	.	.	226	3	5	8	7	17	7	20	18	13	17	4	8	–	Teething . . .	127	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	99	.	.	8	9	6	6	4	2	8	15	18	12	6	5	–	" . . .	99	–	–	–	–	–	–	–	–	–	–	–
Males	12	.	.	12	–	1	–	1	3	1	2	1	1	–	1	1	–	Tetanus . . .	–	3	2	2	3	–	–	–	–	1	–	1
Males	3	.	.	6	–	–	–	–	–	–	1	1	–	1	–	–	–	Thrush . . .	3	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	3	.	.	–	1	–	–	1	–	–	–	–	–	1	–	–	" . . .	3	–	–	–	–	–	–	–	–	–	–	–
Males	23	.	.	78	2	2	1	1	6	1	1	2	2	2	2	1	–	Tumor . . .	6	1	–	–	2	–	1	3	6	3	1	–
Fem.	.	55	.	.	3	3	7	5	5	5	2	4	3	5	7	6	–	" . . .	4	–	1	1	3	4	11	14	8	7	2	–
Males	8	.	.	14	–	–	2	–	1	–	2	–	–	–	1	2	–	Ulcers . . .	2	–	–	–	1	1	–	1	1	2	–	–
Fem.	.	6	.	.	1	–	2	1	–	–	–	1	–	–	–	1	–	" . . .	2	–	–	–	–	–	1	1	–	1	1	–

Digitized by Google

TABLE VIII. — Concluded.

SEX.	DEATHS. Sex. Males.	Fem.	Unk.	Totals.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	CAUSES OF DEATH.	AGES. Under 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Males	10	.	.	23	–	2	1	1	–	–	–	1	1	1	1	2	–	Ulcer Intest. . .	–	–	–	–	2	2	–	2	3	1	–	–
Fem.	.	13	.	.	–	–	–	–	1	1	4	2	3	1	1	–	–	" " . .	1	–	–	1	3	2	–	1	1	4	–	–
Males	316	.	.	645	33	22	31	31	28	25	24	26	23	21	18	34	–	Unknown . .	223	5	4	3	12	12	12	14	21	2	–	8
Fem.	.	315	.	.	30	35	39	20	27	22	15	39	30	17	22	19	–	" . . .	169	9	5	5	20	18	14	28	31	5	1	10
Unk.	.	.	14	.	–	2	2	1	1	2	–	2	–	1	3	–	–	" . . .	14	–	–	–	–	–	–	–	–	–	–	–
Fem.	.	26	.	26	2	–	2	1	5	3	1	3	4	2	1	2	–	Uterus Disease .	1	–	–	1	2	6	10	3	1	1	1	–
Fem.	.	1	.	1	–	–	–	1	–	–	–	–	–	–	–	–	–	Vaccination . .	1	–	–	–	–	–	–	–	–	–	–	–
Males	189	.	.	400	18	13	19	14	17	4	17	30	22	7	16	12	–	Whooping Cough .	185	2	1	–	–	–	–	–	–	–	–	1
Fem.	.	211	.	.	18	12	19	15	15	15	22	26	21	16	18	14	–	" " .	195	13	1	–	–	–	–	–	–	–	1	1
Males	2	.	.	5	–	–	–	–	–	–	–	–	1	1	–	–	–	Worms . . .	1	1	–	–	–	–	–	–	–	–	–	–
Fem.	.	3	.	.	–	–	–	–	–	–	–	–	–	1	1	1	–	" . . .	–	2	1	–	–	–	–	–	–	–	–	–

Digitized by Google

Table IX.

CAUSES OF DEATH,

NOSOLOGICALLY ARRANGED.

(BY COUNTIES.)

Digitized by Google

TABLE IX. — CAUSES OF DEATH. — NOSOLOGICAL ARRANGEMENT.*

Exhibiting the Number of Deaths in each County, from Specified Causes (statistically classified), during the year

1878.

[Still-births included.†]

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
All Causes	32,564	615	995	2,788	231	4,553	497	1,754	762	5,689	1,417	1,136	8,525	3,602
Specified Causes	31,727	584	930	2,709	221	4,458	469	1,657	727	5,557	1,378	1,091	8,473	3,473
(CLASSES)														
I. — ZYMOTIC DISEASES	7,666	124	214	756	40	1,112	57	477	140	1,367	307	175	2,086	811
II. — CONSTITUTIONAL DISEASES	7,688	141	201	584	46	1,087	111	415	181	1,360	329	275	2,132	826
III. — LOCAL DISEASES	10,549	197	339	869	71	1,448	189	494	269	1,811	493	407	2,773	1,189
IV. — DEVELOPMENTAL DISEASES	4,628	87	126	422	55	616	93	206	106	835	188	194	1,169	531
V. — VIOLENT DEATHS	1,196	35	50	78	9	195	19	65	31	184	61	40	313	116
(ORDERS.)														
I. — 1. *Miasmatic Diseases*	7,441	122	209	749	40	1,094	57	469	138	1,292	296	172	2,003	800
2. *Enthetic Diseases*	116	1	1	2	–	7	–	4	–	51	7	2	35	6
3. *Dietic Diseases*	98	1	3	3	–	10	–	3	1	22	4	1	47	3
4. *Parasitic Diseases*	11	–	1	2	–	1	–	1	1	2	–	–	1	2
II. — 1. *Diathetic Diseases*	1,366	27	53	108	18	190	34	74	39	217	75	60	288	183
2. *Tubercular Diseases*	6,322	114	148	476	28	897	77	341	142	1,143	254	215	1,844	643

Digitized by Google

III.—1. *Diseases of Nervous System*	3,451	65	103	355	30	509	52	167	84	599	153	141	750	443
2. *Dis. of Organs of Circulation*	1,580	43	49	116	15	247	38	52	51	275	79	54	386	175
3. *Diseases of Respiratory Organs,*	3,000	35	105	198	13	378	70	151	72	517	138	81	942	300
4. *Diseases of Digestive Organs*	1,398	35	38	99	6	165	15	85	37	255	67	79	346	171
5. *Diseases of Urinary Organs*	820	14	34	68	4	102	12	25	18	119	46	44	260	74
6. *Diseases of Generative Organs*	80	1	1	4	–	15	–	3	1	18	4	1	24	8
7. *Dis. of Organs of Locomotion*	132	2	3	13	1	21	1	7	4	13	4	5	46	12
8. *Dis. of Integumentary System*	88	2	6	16	2	11	1	4	2	15	2	2	19	6
IV.—1. *Dev. Diseases of Children*	2,203	23	30	182	16	302	13	74	36	406	74	59	775	213
2. *Dev. Diseases of Adults*	219	7	14	20	–	27	2	13	2	36	6	12	50	30
3. *Dev. Diseases of Old People*	1,596	54	72	144	37	191	56	82	54	276	80	114	220	216
4. *Diseases of Nutrition*	610	3	10	76	2	96	22	37	14	117	28	9	124	72
V.—1. *Accident or Negligence*	1,049	32	44	70	9	173	17	63	26	158	54	37	266	100
2. *Battle*	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. *Homicide*	20	–	1	–	–	–	–	–	–	4	–	–	14	1
4. *Suicide*	126	3	4	8	–	22	2	2	5	22	7	3	33	15
5. *Execution*	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Sudden Deaths (cause unascertained),	15	1	–	1	–	–	–	5	–	–	–	2	–	6
Causes not specified ‡	822	30	65	78	10	95	28	92	35	132	39	43	52	123

* See "Statistical Nosology," in Appendix.

† Still-births are included in no Tables of Deaths, except Tables IX. and X.

‡ Including 77 deaths from "Hemorrhage," 78 from "Tumor," 22 from "Inflammation," and 645 deaths of which the cause was not stated in the Returns.

Digitized by Google

TABLE IX. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
DISEASES.														
I. — 1. *Miasmatic.*														
Totals	7,441	122	209	749	40	1,094	57	469	138	1,292	206	172	2,003	800
1. Small-pox	3	–	–	1	–	1	–	–	–	–	–	–	1	–
2. Measles	305	–	6	13	–	14	1	17	4	37	1	7	177	28
3. Scarlatina	404	3	16	80	–	64	3	25	4	72	9	7	75	46
4. Diphtheria	1,934	69	52	165	24	355	10	149	25	320	96	45	427	197
5. Quinsy	16	1	–	1	–	3	–	1	–	3	–	1	4	2
6. Croup	583	9	9	80	2	74	2	48	14	87	35	5	149	69
7. Whooping-Cough	400	1	13	72	3	51	10	13	12	42	13	8	110	52
8. Typhoid Fever *	679	13	42	56	4	113	12	50	26	91	27	22	117	106
9. Erysipelas	168	3	2	10	1	27	–	5	3	27	4	8	60	18
10. Metria (Puerperal Fever)	53	–	2	5	–	5	1	5	–	6	2	3	23	1
11. Carbuncle	7	–	1	–	–	–	–	–	2	1	–	–	3	–
12. Influenza	22	–	–	1	–	3	–	2	1	2	1	3	4	5
13. Dysentery	602	5	10	73	2	47	2	8	9	158	23	16	221	28
14. Diarrhœa	365	–	6	39	–	33	–	25	7	53	13	5	160	24
15. Cholera Infantum	1,573	10	32	129	2	261	14	107	23	348	57	33	391	166
16. Cholera	68	2	4	8	–	12	–	3	1	8	1	2	14	13
17. Ague	7	2	1	1	–	–	–	1	–	–	–	–	2	–
18. Remittent Fever	17	1	2	1	1	5	–	1	–	3	–	–	3	–
19. Rheumatism	157	2	6	11	1	15	2	6	5	17	9	4	45	34
20. Cerebro-Spinal Meningitis	78	1	5	3	–	11	–	3	2	17	5	3	17	11

Digitized by Google

I.—2. *Enthetic.*														
Totals	116	1	1	2	–	7	–	4	–	51	7	2	35	6
1. Syphilis	71	1	–	1	–	2	–	1	–	39	1	1	24	1
2. Stricture of Urethra	3	–	–	–	–	–	–	–	–	–	2	–	1	–
3. Hydrophobia	15	–	1	1	–	1	–	2	–	3	3	–	2	2
4. Glanders	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5. Malignant Pustule	2	–		–	–	–	–	1	–	–	–	–	1	–
6. Septicæmia	25	–	–	–	–	4	–	–	–	9	1	1	7	3
I.—3. *Dietic.*														
Totals	98	1	3	3	–	10	–	3	1	22	4	1	47	3
1. Privation	1	–	1	–	–	–	–	–	–	–	–	–	–	–
2. Purpura and Scurvy	32	–	2	1	–	3	–	–	1	8	3	–	14	–
3. Delirium Tremens, } Alcoholism	16	1	–	1	–	4	–	–	–	2	1	–	7	–
4. Intemperance, } Alcoholism	49	–	–	1	–	3	–	3	–	12	–	1	26	3
I.—4. *Parasitic.*														
Totals	11	–	1	2	–	1	–	1	1	2	–	–	1	2
1. Thrush	6	–	1	2	–	–	–	–	–	2	–	–	–	1
2. Worms	5	–	–	–	–	1	–	1	1	–	–	–	1	1
II.—1. *Diathetic.*														
Totals	1,366	27	53	108	18	190	34	74	39	217	75	60	288	183
1. Gout	4	–	–	–	–	–	–	–	–	–	–	–	4	–
2. Dropsy	370	6	18	48	9	56	12	25	9	54	25	26	23	59
3. Anæmia	98	1	2	3	–	15	1	3	2	15	7	5	21	23
4. Cancer †	807	20	30	52	7	91	20	43	24	135	36	26	230	93
5. Noma (Canker)	41	–	–	2	1	17	–	2	1	4	5	2	2	5
6. Mortification	46	–	3	3	1	11	1	1	3	9	2	1	8	3

* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

† Including 113 Cancer of stomach, 73 Cancer of liver, 75 Cancer of Uterus, 4 Epithelioma.

Digitized by Google

TABLE IX. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
II. — 2. *Tubercular.*														
Totals	6,322	114	148	476	28	897	77	341	142	1,143	254	215	1,844	643
1. Scrofula	100	4	6	8	–	15	1	4	–	19	6	4	21	12
2. Tabes Mesenterica	458	2	6	22	–	50	1	14	4	108	18	12	211	10
3. Phthisis (Consumption of Lungs)	5,334	106	132	423	27	761	73	300	132	948	219	185	1,436	592
4. Hydrocephalus (Tubercular Meningitis)	430	2	4	23	1	71	2	23	6	68	11	14	176	29
III. — 1. *Nervous System.*														
Totals	3,451	65	103	355	30	509	52	167	84	599	153	141	750	443
1. Cephalitis	779	16	19	76	4	107	10	50	18	98	29	22	238	92
2. Apoplexy	562	12	21	49	3	83	11	24	21	96	29	21	133	59
3. Paralysis	895	28	31	71	16	146	19	33	26	140	46	51	145	143
4. Insanity	153	1	1	30	–	28	–	3	4	24	3	2	22	35
5. Chorea	4	–	–	–	–	–	–	–	–	2	–	–	1	1
6. Epilepsy	101	1	2	13	–	22	5	4	3	17	4	2	13	15
7. Tetanus	12	–	1	2	–	1	–	1	–	1	–	1	4	1
8. Convulsions	542	3	14	79	1	66	4	35	6	123	19	15	113	64
9. *Brain Diseases, &c.*	403	4	14	35	6	56	3	17	6	98	23	27	81	33
III. — 2. *Organs of Circulation.*														
Totals	1,580	43	49	116	15	247	38	52	51	275	79	54	386	175
1. Pericarditis	49	–	2	2	–	9	–	2	1	3	3	1	23	3
2. Aneurism	22	–	–	1	–	2	–	–	1	4	3	–	10	1
3. *Heart Diseases, &c.*	1,509	43	47	113	15	236	38	50	49	268	73	53	353	171

Digitized by Google

III.—3. *Respiratory Organs.*														
Totals	3,000	35	105	198	13	378	70	151	72	517	138	81	942	300
1. Epistaxis	4	–	–	–	–	1	–	1	–	1	1	–	–	–
2. Laryngitis	29	–	1	–	–	1	1	1	1	3	1	–	19	1
3. Bronchitis	548	5	6	44	2	40	7	14	2	91	20	4	284	29
4. Pleurisy	80	2	3	11	–	4	–	4	1	13	5	4	30	3
5. Pneumonia	2,171	27	90	129	11	304	59	123	62	378	98	66	575	249
6. Asthma	111	–	3	12	–	23	3	4	4	14	6	3	28	11
7. *Lung Diseases, &c.*	57	1	2	2	–	5	–	4	2	17	7	4	6	7
III.—4. *Digestive Organs.*														
Totals	1,398	35	38	99	6	165	15	85	37	255	67	79	346	171
1. Gastritis	151	6	9	13	1	14	2	9	3	28	4	10	32	20
2. Enteritis	388	2	13	25	–	33	4	42	9	66	19	11	118	46
3. Peritonitis	164	2	4	10	–	22	–	7	4	41	8	7	42	17
4. Ascites	10	–	1	1	–	2	–	–	–	2	1	–	2	1
5. Ulceration of Intestines	23	–	–	1	2	3	–	1	2	2	–	2	7	3
6. Hernia	51	2	1	6	–	1	–	–	2	10	3	3	17	6
7. Ileus	71	6	–	9	1	7	1	2	–	7	5	6	11	16
8. Intussusception	7	–	–	–	–	2	–	2	1	–	–	–	2	–
9. Stricture of Intestines	16	–	–	1	–	4	–	–	–	–	–	3	7	1
10. Fistula	3	–	–	–	–	–	–	–	–	2	–	–	1	–
11. *Stomach Diseases, &c.*	186	8	3	7	1	23	3	11	6	35	12	10	37	30
12. *Pancreas Disease*	1	–	–	–	–	–	–	–	1	–	–	–	–	–
13. Hepatitis	77	4	1	6	–	9	2	4	3	8	4	7	24	5
14. Jaundice	39	–	1	1	–	8	1	1	1	6	2	8	7	3
15. *Liver Disease, &c.*	207	5	5	18	1	37	2	5	5	47	9	12	38	23
16. *Spleen Disease, &c.*	4	–	–	1	–	–	–	1	–	1	–	–	1	–

Digitized by Google

TABLE IX. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
III. — 5. *Urinary Organs.*														
Totals	820	14	34	68	4	102	12	25	18	119	46	44	260	74
1. Nephritis	86	1	3	7	–	8	–	4	4	13	2	5	36	3
2. Ischuria	8	1	–	–	–	–	–	–	1	–	–	–	4	2
3. Nephria (Bright's Disease)	383	6	12	21	–	43	4	7	3	53	23	18	154	39
4. Diabetes	83	–	7	13	1	11	2	3	2	10	4	7	19	4
5. Calculus (Stone, Gravel, &c.)	17	–	–	3	1	4	1	1	1	–	1	2	3	–
6. Cystitis	78	1	1	2	–	16	1	3	–	15	9	3	19	8
7. *Kidney Diseases, &c.*	165	5	11	22	2	20	4	7	7	28	7	9	25	18
III. — 6. *Generative Organs.*														
Totals	80	1	1	4	–	15	–	3	1	18	4	1	24	8
1. Ovarian Dropsy	40	1	1	1	–	8	–	2	1	7	3	1	11	4
2. *Diseases of Uterus, &c.*	40	–	–	3	–	7	–	1	–	11	1	–	13	4
III. — 7. *Organs of Locomotion.*														
Totals	132	2	3	13	1	21	1	7	4	13	4	5	46	12
1. Arthritis	4	–	–	–	–	–	1	–	–	–	–	–	3	–
2. *Joint Disease, &c.**	128	2	3	13	1	21	–	7	4	13	4	5	43	12
III. — 8. *Integumentary System.*														
Totals	88	2	6	16	2	11	1	4	2	15	2	2	19	6
1. Phlegmon	66	2	4	9	–	11	–	2	1	10	2	2	18	5
2. Ulcer	14	–	2	3	2	–	1	1	1	4	–	–	–	–
3. *Skin Diseases, &c.*	8	–	–	4	–	–	–	1	–	1	–	–	1	1

Digitized by Google

IV.—1. *Dev. Diseases of Children.*														
Totals	2,203	23	30	182	16	302	13	74	36	406	74	59	775	213
1. Still-born	1,261	16	17	133	16	170	9	56	22	190	34	33	461	104
2. Infantile, Premature, &c.†	578	2	2	11	–	79	2	6	8	163	27	21	193	64
3. Cyanosis	62	–	1	2	–	8	–	2	–	15	1	–	28	5
4. Spina Bifida	16	–	1	1	–	3	–	–	1	2	–	–	7	1
5. Other Malformations	60	–	–	–	–	8	–	2	1	13	3	1	23	9
6. Teething	226	5	9	35	–	34	2	8	4	23	9	4	63	30
IV.—2. *Dev. Diseases of Adults.*														
Totals	219	7	14	20	–	27	2	13	2	36	6	12	50	30
1. Paramenia	5	–	1	–	–	1	–	–	–	–	–	–	2	1
2. Childbirth ‡	214	7	13	20	–	26	2	13	2	36	6	12	48	29
IV.—3. *Dev. Diseases of Old People.*														
1. Old Age	1,596	54	72	144	37	191	56	82	54	276	80	114	220	216
IV.—4. *Dev Diseases of Nutrition.*														
1. Atrophy and Debility	610	3	10	76	2	96	22	37	14	117	28	9	124	72
V.—1. *Accident or Negligence.*														
Totals	1,049	32	44	70	9	173	17	63	26	158	54	37	266	100
1. Fractures and Contusions §	222	1	5	5	–	29	5	11	4	33	22	5	79	23
2. Wounds	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3. Burns and Scalds	79	–	7	12	–	13	3	5	4	15	3	1	13	3
4. Poison	40	–	2	2	–	5	2	3	1	9	1	3	9	3
5. Drowning (and Lost at Sea)	299	29	9	25	8	80	4	15	4	29	11	13	47	25
6. Suffocation (and Strangulation)	59	1	2	3	–	9	1	7	1	8	1	2	16	8
7. Otherwise ‖	70	–	3	1	–	9	–	8	1	12	2	–	27	7
8. Casualty ¶	280	1	16	22	1	28	2	14	11	52	14	13	75	31

* Including Disease of Spine and Hip Disease. † See Note on p. xcix. ‡ Not including Metria (Puerperal Fever). § Including Railroad Accidents.

‖ Under "Otherwise" (V.—1. 7.) are included Deaths from heat, cold, drinking cold water, lightning, surgical operations, &c.

¶ Manner not specified; returned "Casualty."

Digitized by Google

TABLE IX. — Concluded.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
V. — 2. *Battle.*	–	–	–	–	–	–	–	–	–	–	–	–	–	–
V. — 3. *Homicide.*	20	–	1	–	–	–	–	–	–	4	–	–	14	1
V. — 4. *Suicide.*	126	3	4	8	–	22	2	2	5	22	7	3	33	15
V. — 5. *Execution.*	1	–	1	–	–	–	–	–	–	–	–	–	–	–
Sudden, cause unknown	15	1	–	1	–	–	–	5	–	–	–	2	–	6
Causes not specified *	822	30	65	78	10	95	28	92	35	132	39	43	52	123

* Comprising 77 deaths from "Hemorrhage," 78 from "Tumor," 22 from "Inflammation," and 645 deaths either returned as "Unknown," or of which no cause was stated in the Return.

NOTE. — When a person is "found drowned," the case is classed under "accident or negligence." (V. — 1. 4.) Cases of death from cold, heat, drinking cold water, lightning, surgical operation, and exposure, are classed under "accident or negligence." (V. — 1. 6.) As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as (I. — 2. 2). — [Dr. FARR.]

Digitized by Google

NOTE.

Previously to the adoption, in the Registration Report of 1855, of the present NOSOLOGICAL ARRANGEMENT of Tables IX. and X., the term "Infantile" in those Tables included under a single designation not only all deaths returned under the several heads "Infantile," "Premature," or "Premature Births," but also all ascribed to "Debility" or "Unknown" causes, if under two years of age.

This plan was continued until the Registration Report of 1868, in which, to secure greater accuracy, the method now employed was adopted, by which Deaths returned under the head of "Premature," "Premature Births," or "Infantile," are stated *separately* in Table VIII., and *combined* in Tables IX. and X. Deaths of children under two years, from "Debility" or "Unknown" cause, are no longer classed as "Infantile."

See Registration Report of 1868, p. cv, for a fuller explanation.

Digitized by Google

TABLE X.—CAUSES OF DEATH.—COMPARATIVE MORTALITY.

Exhibiting the Number of Deaths from Specified Causes (Nosologically Arranged) during each of the Five Years 1874–75–76–77–78, with the Number of Deaths, annually, to 100,000 of the Population; also the Number and Percentage of Deaths during the Five Years 1874–78, and during the entire Registration Period of Thirty-Seven Years and Eight Months, ending December 31, 1878.*

[Still-births included.]

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.†					PERCENTAGE OF ALL DEATHS.	
1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.		1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.
33,356	36,352	34,460	32,596	32,564	169,328	861,048	**All Causes**	2,073·07	2,200·60	2,086·06	1,973·20	1,953·84	–	–
32,218	35,335	33,461	31,686	31,727	164,427	827,951	**Specified Causes†** . .	2,002·35	2,139·04	2,025·59	1,918·13	1,903·62	100·00	100·00
							(CLASSES.)							
8,272	9,735	9,458	8,703	7,666	43,834	231,261	I.—ZYMOTIC DISEASES .	514·10	589 32	572 55	526 85	459 96	26·66	27·93
7,669	8,160	7,703	7,630	7,688	38,850	220,755	II —CONSTITUTIONAL DIS.	476 63	493·97	466 31	461·88	461·28	23·63	26 66
9,804	10,818	10,073	9,668	10,549	50,912	208,871	III.—LOCAL DISEASES .	609·32	654 88	609·78	585·26	632·94	30·96	25·23
5,055	5,200	4,802	4,482	4,628	24,167	134,030	IV.—DEVELOPMENTAL DIS.	314·17	314·79	290 69	271·32	277·68	14·70	16·19
1,418	1,422	1,425	1,203	1,196	6,664	33,034	V.—VIOLENT DEATHS .	88·13	86·08	86·26	72·82	71·76	4 05	3 99
							(ORDERS.)							
8,079	9,548	9,257	8,509	7,441	42,834	225,493	I.—1. *Miasmatic Diseases* .	502·11	578·00	560 38	515 10	446·46	26 05	27 24
53	63	78	107	116	417	1,105	2. *Enthetic Diseases* .	3·29	3·81	4·72	6·48	6·96	·26	·13
127	116	104	68	98	513	3,755	3. *Dietic Diseases* .	7·89	7·02	6·30	4·12	5·88	·31	·45
13	8	19	19	11	70	908	4. *Parasitic Diseases* .	·81	·49	1·15	1 15	·66	·04	11
1,264	1,286	1,324	1,249	1,366	6,489	35,994	II.—1. *Diathetic Diseases* .	78·56	77·85	80·15	75·60	81·96	3·95	4·35
6,405	6,874	6,379	6,381	6,322	32,361	184,761	2. *Tubercular Diseases,*	398 07	416 12	386·16	386 28	379·32	19 68	22·31

Digitized by Google

							Diseases of—							
3,201	3,380	3,280	3,242	3,451	16,554	74,195	III.—1. *Nervous System* .	198 94	204·61	198 56	196·26	207 06	10·07	8·96
1,366	1,416	1,441	1,453	1,580	7,256	27,186	2. *Organs of Circulation*	84·90	85·72	87·23	87·96	94·80	4·41	3·28
3,081	3,684	3,151	2,639	3,000	15,555	61,678	3. *Respiratory Organs* .	191·48	223·10	190·75	159·75	180·00	9·46	7·45
1,290	1,397	1,310	1,358	1,398	6,753	30,308	4. *Digestive Organs* .	80·17	84·57	79·30	82·20	83·88	4·11	3·66
609	648	626	701	820	3,404	9,137	5. *Urinary Organs* .	37·85	39·23	37·89	42·44	49 20	2 07	1·10
58	69	69	70	80	346	954	6. *Generative Organs* .	3·61	4·18	4·18	4·24	4 80	·21	·12
111	120	108	136	132	607	2,797	7 *Organs of Locomotion*	6·90	7·27	6·54	8·23	7·92	·37	·34
88	104	88	69	88	437	2,616	8. *Integumentary System*	5·47	6·29	5·33	4·18	5·28	·26	·32
							Dev. Diseases of—							
2,567	2,511	2,232	2,120	2,203	11,633	75,162	IV.—1. *Children* . .	159·54	152·01	135·11	128·34	132·18	7 08	9·07
299	302	278	203	219	1,301	6,935	2. *Adults* . . .	18·58	18·28	16·83	12·29	13·14	·79	·84
1,549	1,732	1,661	1,586	1,596	8,124	43,456	3. *Old People* . .	96·27	104·85	100·55	96·00	95·76	4·94	5·25
640	655	631	573	610	3,109	8,477	4. *Nutrition* . .	39 78	39·65	38·20	34·69	36·60	1·89	1·03
1,277	1,237	1,280	1,020	1,049	5,863	28,110	V.—1. *Accid't or Negligence*	79·36	74·88	77·49	61·74	62·94	3·57	3 40
–	–	–	–	–	–	1,246	2. *Battle* . . .	–	–	–	–	–	–	·15
26	23	24	20	20	113	575	3. *Homicide* . .	1·62	1·39	1·45	1·21	1·20	·07	·07
115	159	119	163	126	682	3,086	4. *Suicide* . . .	7·15	9·63	7·20	9·87	7·56	·41	·37
–	3	2	–	1	6	17	5. *Execution* . .	–	·18	·12	–	·06	–	–
13	1	12	4	15	45	740	*Sudden (cause unascertained)* .	·81	·06	·72	·24	·90	–	–
1,125	1,016	987	906	822	4,856	32,357	*Causes not specified* ‡ . .	69·92	61·50	59 75	54·85	49·32	–	–

* For explanation of the classification adopted, see "Statistical Nosology," in Appendix. † Including Still-born. See notes to Table IX.

‡ Including Deaths from Hemorrhage, Tumor, and Inflammation.

Digitized by Google

TABLE X. — Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.		1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.
							I. — 1. *Miasmatic.*							
26	34	32	26	3	121	5,306	1. Small-pox . . .	1·62	2·06	1·94	1·57	·18	·07	·64
161	233	47	135	305	881	6,898	2. Measles . . .	10·01	14·10	2·84	8·17	18·30	·54	·83
1,382	1,684	1,222	467	404	5,159	33,407	3. Scarlatina . . .	85·89	101·94	73·97	28·27	24·24	3·14	4·04
502	1,200	2,610	2,634	1,934	8,880	16,159	4. Diphtheria . . .	31·20	72·64	158·00	159·45	116·04	5·40	1·95
242	170	107	143	78	740	1,487	5. Cerebro Sp. Meningitis,	15·04	10·29	6·48	8·66	4·68	·45	·18
19	30	14	12	16	91	747	6. Quinsy	1·18	1·82	·85	·73	·96	·06	·09
411	680	684	544	583	2,902	16,898	7. Croup	25·54	41·17	41·40	32·93	34·98	1·76	2·04
449	242	192	369	400	1,652	9,130	8. Whooping-Cough . .	27·90	14·65	11·62	22·34	24·00	1·00	1·10
1,147	1,059	881	814	679	4,580	38,898	9. Typhoid Fever * . .	71·29	64·11	53·33	49·28	40·74	2·78	4·70
216	257	209	181	168	1,031	5,826	10. Erysipelas . . .	13·42	15·56	12·65	10·96	10·08	·63	·70
101	99	80	55	53	388	1,631	11. Metria (Puerp. Fever) .	6·28	5·99	4·84	3·33	3·18	·24	·20
8	8	6	12	7	41	152	12. Carbuncle . . .	·50	·48	·36	·73	42	·02	·02
48	58	48	29	22	205	1,620	13. Influenza . . .	2·98	3·51	2·91	1·76	1·32	·13	·20
366	437	417	580	602	2,402	29,602	14. Dysentery . . .	22·75	26·45	25·24	35·11	36·12	1·46	3·58
398	413	335	343	365	1,854	10,147	15. Diarrhœa . . .	24·74	25·00	20·30	20·76	21·90	1·13	1·22
2,322	2,606	2,087	1,927	1,573	10,515	38,971	16. Cholera Infantum . .	144·31	157·76	126·34	116·65	94·38	6 39	4·71
95	94	91	60	68	408	4,726	17. Cholera	5·90	5·69	5·51	3·63	4·08	·25	·57
6	16	2	3	7	34	262	18. Ague	·37	·97	·12	·18	·42	·02	·03
7	11	7	9	17	51	334	19. Remittent Fever . .	·44	·67	·42	·54	1·02	·03	·04
173	217	186	166	157	899	3,323	20. Rheumatism . . .	10·75	13·14	11·26	10·05	9·42	·55	·40

Digitized by Google

							I. — 2. *Enthetic.*							
46	43	46	58	71	264	823	1. Syphilis . . .	2·86	2·60	2·79	3·51	4·26	·16	·10
3	4	3	2	3	15	45	2. Stricture of Urethra .	·18	·24	·18	·12	·18	·01	·01
–	–	4	14	15	33	61	3. Hydrophobia. . .	–	–	·24	·85	·90	·02	
–	2	3	–	–	5	13	4. Glanders . . .	–	·12	·18	–	–	–	–
4	3	3	3	2	15	78	5. Malignant Pustule .	·25	·18	·18	·18	·12	·01	·01
–	11	19	30	25	85	85	6. Septicæmia . . .	–	·67	1·15	1·82	1 50	·05	·01
							I. — 3. *Dietic.*							
1	6	–	1	1	9	209	1. Privation . . .	·06	·36	–	·06	·06	–	·02
19	23	18	15	32	107	377	2. Purpura and Scurvy .	1·18	1·39	1 09	·91	1·92	·07	·04
32	15	15	13	16	91	965	3. Del.Trem. } Alchoholism,	1·99	·91	·91	·79	·96	·05	·12
75	72	71	39	49	306	2,204	4. Intemp'ce } Alchoholism,	4·66	4·36	4·30	2·36	2·94	·19	·27
							I. — 4. *Parasitic.*							
5	3	9	11	6	34	375	1. Thrush	·31	·18	·54	·66	·36	·02	·045
8	5	10	8	5	36	533	2. Worms	·50	·30	·61	·49	·30	·02	·065
							II. — 1. *Diathetic.*							
3	2	3	4	4	16	83	1. Gout	·19	·12	·18	·24	·24	·01	·01
469	474	445	412	370	2,170	15,837	2. Dropsy	29·15	28·69	26·94	24·94	22·20	1·32	1·91
76	70	86	76	98	406	1,868	3. Anæmia . . .	4·72	4·24	5·21	4·60	5·88	·25	·23
585	593	657	646	807	3,288	12,395	4. Cancer	36·36	35·90	39·77	39·10	48·42	2·00	1·50
94	99	72	52	41	358	4,263	5. Noma (Canker) . .	5·84	5·99	4·36	3·15	2·46	·22	·51
37	48	61	59	46	251	1,548	6. Mortification. . .	2·30	2·91	3·69	3·57	2·76	·15	·19
							II. — 2. *Tubercular.*							
108	121	103	99	100	531	3,835	1. Scrofula . . .	6·71	7·32	6·24	5·99	6·00	·32	·46
578	568	552	421	458	2,577	9,468	2. Tabes Mesenterica .	35 92	34·39	33·42	25·48	27·48	1·58	1·14
5,284	5,738	5,327	5,457	5,334	27,140	157,236	3. Phthisis (Con. of Lungs)	328 40	347·35	322·47	330 33	320·04	16·50	18·99
435	447	397	401	430	2,113	14,222	4. Hydrocephalus (T. Men.)	27·04	27·06	24·03	24·46	25·80	1·28	1·72

* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

† Including Cancer of Stomach, Liver, and Uterus. See p. lxxv.

Digitized by Google

TABLE X.—Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.		1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.
							III.—1. *Nervous System.*							
709	694	635	597	779	3,414	16,782	1. Cephalitis . . .	44·06	42·01	38·44	36·14	46·74	2·08	2·03
433	460	507	544	562	2,506	9,323	2. Apoplexy . . .	26·91	27·85	30·69	32·93	33·72	1·52	1·12
775	896	826	873	895	4,265	16,291	3. Paralysis . . .	48·17	54·23	50·00	52·85	53·70	2·59	1·97
100	118	146	112	153	629	2,361	4. Insanity . . .	6·22	7·15	8·84	6·78	9·18	·38	·28
6	3	4	4	4	21	81	5. Chorea	·37	·18	·24	·24	·24	·01	·01
134	135	127	110	101	607	4,534	6. Epilepsy . . .	8·33	8·17	7·69	6·66	6·06	·37	·55
24	19	20	20	12	95	476	7. Tetanus . . .	1·49	1·15	1·21	1·21	·72	·06	·06
595	607	597	568	542	2,909	14,978	8. Convulsions . . .	36·98	36·75	36·14	34·39	32·52	1·77	1·81
425	448	418	414	403	2,108	9,369	9. *Brain Diseases, &c.* .	26·41	27·12	25·31	25·06	24·18	1·28	1·13
							III.—2. *Organs of Circulation.*							
39	44	49	44	49	225	547	1. Pericarditis . . .	2·42	2·66	2·97	2·67	2·94	·14	·07
25	12	17	12	22	88	230	2. Aneurism . . .	1·55	·73	1·03	·73	1·32	·05	·03
1,302	1,360	1,375	1,397	1,509	6,943	26,409	3. *Heart Diseases, &c.* .	80·92	82·33	83·23	84·56	90·54	4·22	3·19
							III.—3. *Respiratory Organs.*							
1	4	1	5	4	15	25	1. Epistaxis . . .	·06	·24	·06	·30	·24	·01	–
25	24	29	11	29	118	380	2. Laryngitis . . .	1·55	1·45	1·76	·67	1·74	·07	·05
395	433	428	397	548	2,201	5,831	3. Bronchitis . . .	24·55	26·21	25·91	24·03	32·88	1·34	·70
103	103	86	82	80	454	3,579	4. Pleurisy . . .	6·40	6·24	5·21	4·97	4·80	·27	·43
2,386	2,940	2,447	1,972	2,171	11,916	48,214	5. Pneumonia . . .	148·29	177·98	148·12	119·37	130·26	7·25	5·82
110	103	86	112	111	522	1,687	6. Asthma . . .	6·84	6·24	5·21	6·78	6·66	·32	·20
61	77	74	60	57	329	1,962	7. *Lung Diseases, &c.* .	3·79	4·66	4·48	3·63	3·42	·20	·24

Digitized by Google

							III.—4. *Digestive Organs.*							
134	161	143	132	151	721	2,228	1. Gastritis . . .	8·33	9·74	8·66	7·99	9·06	·44	·27
367	370	357	395	388	1,877	9,053	2. Enteritis . . .	22·81	22·40	21·61	23·91	23·28	1·14	1·09
129	155	123	126	164	697	1,875	3. Peritonitis . . .	8·02	9·38	7·45	7·63	9·84	·42	·23
8	11	21	17	10	67	303	4. Ascites	·50	·67	1·27	1·03	·60	·04	·04
24	18	22	18	23	105	403	5. Ulceration of Intestines,	1·49	1·09	1·33	1·09	1·38	·06	·05
41	50	43	43	51	228	934	6. Hernia	2·55	3·03	2·60	2·60	3·06	·14	·11
73	85	80	81	71	390	2,132	7. Ileus	4·54	5·15	4·84	4·90	4·26	·24	·26
5	11	8	11	7	42	190	8. Intussusception . .	·31	·67	·49	·67	·42	·03	·02
6	6	10	8	16	46	99	9. Stricture of Intestines .	·37	·36	·60	·48	·96	·03	·01
9	4	2	7	3	25	80	10. Fistula	·56	·24	·12	·42	·18	·02	·01
148	194	157	177	186	862	5,512	11. *Stomach Diseases, &c.* .	9·20	11·74	9·51	10·72	11·16	·52	·665
–	1	1	1	1	4	8	12. Pancreas Disease . .	–	·06	·06	·06	·06	–	–
62	51	55	65	77	310	997	13. Hepatitis . . .	3·85	3·09	3·33	3·93	4·62	·19	·12
47	49	57	44	39	236	1,250	14. Jaundice . . .	2·92	2·97	3·45	2·67	2·34	·14	·15
235	228	227	232	207	1,129	5,204	15. *Liver Diseases, &c.* .	14·60	13·80	13·74	14·04	12·42	·69	·63
2	3	4	1	4	14	40	16. *Spleen Disease, &c.* .	·12	·18	·24	·06	·24	·01	·005
							III.—5. *Urinary Organs.*							
31	30	47	67	86	261	539	1. Nephritis . . .	1·93	1·82	2·84	4·05	5·16	·16	·065
9	5	9	3	8	34	136	2. Ischuria . . .	·56	·30	·55	·18	·48	·02	·01
299	293	308	329	383	1,612	2,876	3. Nephria (Bright's Dis),	18·58	17·74	18·65	19·92	22·98	·98	·35
63	78	47	73	83	344	1,332	4. Diabetes . . .	3·92	4·72	2·84	4·42	4·98	·21	·16
21	15	18	27	17	98	720	5. Calculus (Gravel, &c.) .	1·30	·91	1·09	1·64	1·02	·06	·09
38	27	41	52	78	236	534	6. Cystitis . . .	2·36	1·63	2·48	3·15	4·68	·14	·065
148	200	156	150	165	819	3,000	7. *Kidney Diseases, &c.* .	9·20	12·11	9·44	9·08	9·90	·50	·36
							III.—6. *Generative Organs.*							
22	34	30	22	40	148	445	1. Ovarian Dropsy . .	1·36	2·06	1·82	1·33	2·40	·09	·05
36	35	39	48	40	198	509	2. *Uterus Disease, &c.* .	2·24	2·12	2·36	2·91	2·40	·12	·06

Digitized by Google

TABLE X. — Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.		1874.	1875.	1876.	1877.	1878.	Five Yrs. 1874-78.	Thirty-seven Yrs. and Eight Mos. end'g Dec. 31, 1878.
							III. — 7. *Organs of Locomotion.*							
1	4	3	–	4	12	180	1. Arthritis . . .	·06	·24	·18	–	·24	·01	·02
110	116	105	136	128	595	2,617	2. *Joint Diseases, &c.** .	6·84	7·03	6·36	8·23	7·68	·36	·32
							III. — 8. *Integumentary System.*							
56	69	57	40	66	288	1,429	1. Phlegmon . . .	3·48	4·17	3·45	2·42	3·96	·17	·17
22	18	15	20	14	89	378	2. Ulcer	1·37	1·09	·91	1·21	·84	·05	·05
10	17	16	9	8	60	809	3. *Skin Diseases, &c.* . .	·62	1·03	·97	·55	·48	.04	·10
							IV. — 1. *Dev. Dis. of Children.*†							
1,469	1,374	1,274	1,254	1,261	6,632	28,928	1. Still-born . . .	91·30	83·18	77·12	75·91	75·66	4 03	3 49
720	721	586	519	578	3,124	35,255	2. *Infantile, Premature, &c.*	44·75	43·65	35·47	31·42	34·68	1·90	4·26
42	38	42	38	62	222	646	3. Cyanosis . . .	2·61	2·30	2·54	2·30	3·72	.14	·08
12	12	25	14	16	79	185	4. Spina Bifida . . .	·74	·73	1·51	·85	·96	·05	·02
38	41	32	36	60	207	680	5. Other malformations .	2·36	2·48	1·94	2·18	3·60	·13	·08
286	325	273	259	226	1,369	9,468	6. Teething . . .	17·78	19·67	16·53	15·68	13·56	·83	1·14
							IV. — 2. *Dev. Dis. of Adults.*							
6	4	2	5	5	22	93	1. Paramenia . . .	·37	·24	·12	·30	·30	·01	·01
293	298	276	198	214	1,279	6,842	2. Childbirth ‡ . . .	18·21	18·04	16·71	11·99	12·84	·78	·83
							IV. — 3. *Dev. Diseases of Old People.*							
1,549	1,732	1,661	1,586	1,596	8,124	43,456	1. Old Age . . .	96·27	104·85	100·55	96 00	95·76	4·94	5·25

Digitized by Google

							IV.—4. *Dev. Dis. of Nutrition.*							
640	655	631	573	610	3,109	8,477	1. Atrophy and Debility .	39·78	39·65	38·20	34·69	36·60	1·89	1·03
							V.—1. *Accident or Negligence.*							
178	191	194	221	222	1,006		1. Fractures and Contusions§	11·06	11·56	11·74	13·38	13·32	·61	
–	–	–	–	–	–		2. Wounds . . .	–	–	–	–	–	–	
84	171	98	83	79	515		3. Burns and Scalds .	5·22	10·35	2·93	5·02	4·74	·31	
45	23	33	38	40	179	28110	4. Poison	2·80	1·39	2 00	2·30	2·40	·11	3·40
436	330	475	260	299	1,800		5. Drown'g (and Lost at Sea)	27·10	19·98	28·75	15·74	17·94	1·10	
35	54	45	40	59	233		6. Suffocat'n (and Strang'n)	2·17	3·27	2·73	2·42	3 54	·14	
35	53	74	27	70	259		7. Otherwise . . .	2·17	3·21	4·48	1·63	4·20	·16	
464	415	361	351	280	1,871		8. Casualty‖ . . .	28·84	25·12	21·86	21·25	16·80	1·14	
–	–	–	–	–	–	1,246	V.—2. *Battle* . . .	–	–	–	–	–	–	·15
26	23	24	20	20	113	575	V.—3. *Homicide* . .	1·62	1·39	1·45	1·21	1·20	.07	.07
115	159	119	163	126	682	3,086	V.—4. *Suicide*¶ . .	7·15	9 63	7·20	9 87	7·56	·41	.37
–	3	2	–	1	6	17	V.—5. *Execution* . .	–	·18	·12	–	·06	–	–
13	1	12	4	15	45	740	Sudden, cause unknown .	·81	·06	·72	·24	·90	–	–
1,125	1,016	987	906	822	4,856	32,357	Causes not specified** .	69·92	61·50	59·75	54·85	49·32	–	–

* Including Disease of Spine and Hip Disease.
§ Including Railroad Accidents.
** Including deaths from "Hemorrhage," "Tumor," and "Inflammation."
† See Note on p. xcix.
‖ In preceding reports, until 1877, classed as V.—6.
‡ Not including Metria (Puerperal Fever).
¶ Totals: *manner* not stated.

Digitized by Google

TABLE XI. — *Causes of Death registered in Massachusetts*

Class	CAUSES OF DEATH.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.
	ALL CAUSES	22,019	21,523	21,715	24,130	25,102	23,948	28,654	29,579	27,011	24,683	23,779
	SPECIFIED CAUSES . .	21,521	21,069	21,266	23,563	24,393	23,249	27,931	28,850	26,340	24,105	23,301
I.	ZYMOTIC DISEASES . .	6,016	5,400	5,416	6,088	6,765	6,569	9,429	9,505	8,211	5,856	5,505
II.	CONSTITUTIONAL . .	6,333	6,480	6,559	6,567	6,573	6,119	6,642	6,652	6,541	6,422	6,129
III.	LOCAL	4,397	4,621	4,670	5,629	5,760	5,443	6,543	6,874	6,443	6,474	6,344
IV.	DEVELOPMENTAL . .	3,981	3,868	3,794	4,302	4,321	3,926	4,160	4,157	4,215	4,378	4,432
V.	VIOLENT DEATHS . .	794	700	827	977	974	1,192	1,157	1,662	930	975	891
I.	1. MIASMATIC DISEASES .	5,856	5,211	5,245	5,830	6,564	6,372	9,180	9,160	8,051	5,765	5,409
	2. ENTHETIC " . .	15	19	26	38	40	35	42	41	43	20	36
	3. DIETIC " . .	103	125	114	184	133	141	177	274	100	54	47
	4. PARASITIC " . .	42	45	31	36	24	21	30	30	17	17	13
II.	1. DIATHETIC " . .	970	1,008	1,062	1,048	1,054	1,023	1,088	1,046	1,077	1,052	1,046
	2. TUBERCULAR " . .	5,363	5,472	5,497	5,519	5,519	5,096	5,554	5,606	5,464	5,330	5,083
III.	1. DISEASES OF NERVOUS SYSTEM . . .	1,722	1,811	1,730	2,039	2,101	2,042	2,241	2,557	2,383	2,334	2,286
	2. " ORGANS OF CIRCULATION . . .	601	590	607	730	768	734	840	792	847	876	891
	3. " RESPIRATORY ORGANS . . .	1,289	1,407	1,414	1,689	1,708	1,532	2,181	2,269	1,886	2,024	1,825
	4. " DIGESTIVE ORGANS	545	579	644	850	827	807	908	836	855	829	882
	5. " URINARY ORGANS .	116	119	135	145	169	174	205	197	259	222	276
	6. " ORGANS OF GENERATION . . .	7	16	15	40	34	39	36	45	40	31	41
	7. " ORGANS OF LOCOMOTION . .	69	62	77	75	89	69	67	98	99	83	78
	8. " INTEGUMENTARY SYSTEM . . .	48	37	48	61	64	46	65	80	74	75	65
IV.	1. DEVELOPMENTAL DIS. OF " CHILDREN . .	2,458	2,456	2 349	2,819	2,849	2,522	2,453	2,454	2,557	2,686	2,771
	2. " ADULTS . .	197	182	206	238	217	149	157	169	160	201	196
	3. " OLD PEOPLE .	1,199	1,132	1,168	1,101	1,107	1,137	1,391	1,421	1,361	1,358	1,341
	4. DISEASES OF NUTRITION .	127	98	71	144	148	118	159	113	137	133	124
V.	1. ACCIDENT OR NEGLIGENCE	670	599	726	845	854	783	822	953	764	890	801
	2. BATTLE	–	–	–	–	8	298	244	634	61	1	–
	3. HOMICIDE	27	18	18	19	19	18	24	10	27	11	15
	4. SUICIDE	97	82	83	113	92	92	67	65	78	73	75
	5. EXECUTION	–	1	–	–	1	1	–	–	–	–	–
	SUDDEN DEATHS, CAUSE UNASCERTAINED	16	14	20	19	29	38	32	28	21	18	25
	CAUSES NOT STATED, OR ILL-DEFINED	482	440	429	548	680	661	691	701	650	560	453

Digitized by Google

for each of the Twenty-two Years, 1857 to 1878.

1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	CAUSES OF DEATH.
26,653	27,148	28,348	29,333	36,302	35,158	33,356	36,352	34,460	32,596	32,564	ALL CAUSES.
25,189	25,713	26,998	28,043	34,845	33,856	32,218	35,335	33,461	31,686	31,727	SPECIFIED CAUSES.
6,862	6,891	6,913	6,538	10,787	9,715	8,272	9,735	9,458	8,703	7,666	ZYMOTIC DISEASES.
6,299	6,569	7,185	7,272	8,042	8,071	7,669	8,160	7,703	7,630	7,688	CONSTITUTIONAL.
7,164	7,184	7,559	8,166	9,622	9,479	9,804	10,818	10,073	9,668	10,549	LOCAL.
3,865	4,027	4,206	4,771	5,103	5,125	5,055	5,200	4,802	4,482	4,628	DEVELOPMENTAL.
999	1,042	1,135	1,296	1,291	1,466	1,418	1,422	1,425	1,203	1,196	VIOLENT DEATHS.
6,691	6,717	6,767	6,389	10,586	9,534	8,079	9,548	9,257	8,509	7,441	1. MIASMATIC DISEASES.
48	39	47	38	37	49	53	63	78	107	116	2. ENTHETIC "
108	122	90	98	154	120	127	116	104	68	98	3. DIETIC "
15	13	9	13	10	12	13	8	19	19	11	4. PARASITIC "
1,142	1,173	1,306	1,313	1,449	1,411	1,264	1,286	1,324	1,249	1,366	1. DIATHETIC "
5,157	5,396	5,879	5,959	6,593	6,660	6,405	6,874	6,379	6,381	6,322	2. TUBERCULAR "
2,605	2,576	2,776	2,855	3,618	3,332	3,201	3,380	3,280	3,242	3,451	1. DISEASES OF NERVOUS SYSTEM.
1,020	947	1,004	1,186	1,254	1,299	1,366	1,416	1,441	1,453	1,580	2. " ORGANS OF CIRCULATION.
2,157	2,231	2,185	2,356	2,834	2,698	3,081	3,684	3,151	2,639	3,000	3. " RESPIRATORY ORGANS.
887	870	987	1,069	1,182	1,241	1,290	1,397	1,310	1,358	1,398	4. " DIGESTIVE ORGANS.
303	351	392	470	467	599	609	648	626	701	820	5. " URINARY ORGANS.
46	29	40	40	48	50	58	69	69	70	80	6. " ORGANS OF GENERATION.
83	90	97	93	114	169	111	120	108	136	132	7. " ORGANS OF LOCOMOTION.
63	90	78	97	105	91	88	104	88	69	88	8. " INTEGUMENTARY SYSTEM.
											DEVELOPMENTAL DIS. OF
1,958	2,065	2,118	2,465	2,594	2,457	2,567	2,511	2,232	2,120	2,203	1. " CHILDREN.
211	254	259	233	271	305	299	302	278	203	219	2. " ADULTS.
1,309	1,375	1,444	1,554	1,664	1,762	1,549	1,732	1,661	1,586	1,596	3. " OLD PEOPLE.
387	333	385	519	574	691	640	655	631	573	610	4. DISEASES OF NUTRITION.
893	924	1,015	1,149	1,147	1,321	1,277	1,237	1,280	1,020	1,049	1. ACCIDENT OR NEGLIGENCE.
–	–	–	–	–	–	–	–	–	–	–	2. BATTLE.
16	25	29	25	27	26	26	23	24	20	20	3. HOMICIDE.
88	92	91	122	117	117	115	159	119	163	126	4. SUICIDE.
2	1	–	–	–	2	–	3	2	–	1	5. EXECUTION.
31	23	26	16	12	16	13	1	12	4	15	SUDDEN DEATHS, CAUSE UNASCERTAINED.
1,433	1,412	1,324	1,274	1,445	1,286	1,125	1,016	987	906	822	CAUSES NOT STATED, OR ILL-DEFINED.

Digitized by Google

TABLE XI. — *Causes of Death registered,*

Class.	CAUSES OF DEATH.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.
I.	ORDER 1.											
	1. Small-pox	23	12	255	334	33	40	42	242	221	141	196
	2. Measles	101	301	110	224	209	369	141	320	136	109	194
	3. Scarlatina	2,013	1,033	1,006	916	1,137	1,261	1,399	1,503	807	385	823
	4. Diphtheria	-	18	32	258	643	663	1,420	1,231	672	399	251
	5. Cerebro-spinal meningitis*	-	-	-	-	-	-	-	-	-	-	-
	6. Quinsy	49	51	42	37	70	44	32	43	24	8	13
	7. Croup	518	497	528	579	461	4[illegible]4	864	768	504	431	356
	8. Whooping-cough	280	347	357	203	406	254	295	235	363	287	297
	9. Typhoid Fever	1,010	901	932	937	989	1,135	1,442	1,344	1,694	1,091	965
	10. Erysipelas	137	147	148	178	201	120	174	186	148	142	144
	11. Metria (Puerperal Fever)	41	41	53	67	67	51	47	42	42	40	40
	12. Carbuncle	3	2	5	3	14	4	5	3	8	7	9
	13. Influenza	92	76	50	67	60	16	70	29	52	50	26
	14. Dysentery	715	752	612	441	532	479	1,156	1,186	1,548	949	658
	15. Diarrhœa	135	175	151	274	272	340	671	589	464	304	270
	16. Cholera Infantum	631	720	831	1,078	1,266	900	1,164	1,198	1,154	1,078	966
	17. Cholera	38	66	66	99	79	85	121	95	84	192	64
	18. Ague	9	7	6	6	1	17	24	9	10	12	13
	19. Remittent Fever	8	9	2	10	16	11	18	39	18	12	17
	20. Rheumatism	53	56	59	119	112	99	95	98	102	128	102
	ORDER 2.											
	1. Syphilis	14	12	19	29	37	31	35	37	38	17	31
	2. Stricture of Urethra	-	3	-	1	-	-	1	1	2	-	1
	3. Hydrophobia	1	2	3	2	-	-	1	1	-	-	1
	4. Glanders	-	1	1	-	-	-	-	-	-	-	-
	5. Malignant Pustule	-	1	3	6	3	4	5	2	3	3	3
	6. Septicæmia	-	-	-	-	-	-	-	-	-	-	-
	ORDER 3.											
	1. Privation	1	-	1	5	3	1	2	105	29	3	5
	2 Purpura and Scurvy	12	13	9	14	8	16	13	27	9	8	7
	3. Del. Trem. } Alcoholism	27	23	26	59	42	45	61	49	26	14	13
	4. Intemp'nce } Alcoholism	63	89	78	106	80	79	101	93	36	29	22
	ORDER 4.											
	1. Thrush	20	29	18	20	14	8	10	4	4	2	1
	2. Worms	22	16	13	16	10	13	20	26	13	15	12
II.	ORDER 1.											
	1. Gout	-	1	2	1	4	3	2	3	-	1	1
	2. Dropsy	512	481	522	470	440	467	533	502	492	462	421
	3. Anæmia	36	56	49	49	111	64	67	82	68	77	66
	4. Cancer	242	289	306	335	336	319	324	330	375	416	395
	5. Noma (Canker)	137	138	144	144	119	129	109	93	100	96	110
	6. Mortification	43	43	39	49	44	41	53	36	42	40	53
	ORDER 2.											
	1. Scrofula	105	125	108	163	208	152	152	154	149	110	109
	2. Tabes Mesenterica	224	259	216	292	327	265	291	273	259	232	179
	3. Phthisis, Consumption	4,625	4,574	4,704	4,557	4,522	4,269	4,667	4,733	4,661	4,600	4,362
	4. Hydrocephalus (Tuberc. Meningitis)	409	514	469	507	462	410	444	446	395	388	433
III.	ORDER 1.											
	1. Cephalitis	415	465	419	503	501	485	524	728	669	595	525
	2. Apoplexy	163	197	207	238	274	251	268	321	263	261	281
	3. Paralysis	331	369	375	402	417	401	471	473	479	487	469
	4. Insanity	58	62	59	71	61	66	62	64	75	106	111
	5. Chorea	2	1	1	5	2	1	5	1	3	4	4
	6. Epilepsy	138	110	130	180	176	143	161	166	106	113	124
	7. Tetanus	9	17	12	17	9	17	9	11	11	13	14
	8. Convulsions	421	438	336	396	398	447	467	453	482	465	477
	9. *Brain Disease, &c.*	185	152	191	227	263	231	274	340	295	290	281
	ORDER 2.											
	1. Pericarditis	10	4	9	20	20	16	13	11	14	20	13
	2. Aneurism	2	4	3	2	6	7	6	7	7	11	5
	3. *Heart Disease, &c.*	589	582	595	708	742	711	821	774	826	845	873

* Previously to 1873, classed with Cephalitis.

Digitized by Google

for Twenty-two Years — Continued.

1868.	1869.	1870.	1871	1872.	1873.	1874.	1875.	1876.	1877.	1878.	CAUSES OF DEATH.
											ORDER 1.
20	59	131	295	1,029	668	26	34	32	26	3	1. Small-pox.
287	222	269	131	428	180	161	233	47	135	305	2. Measles.
1,369	1,405	683	867	1,377	1,472	1,382	1,684	1,222	467	404	3. Scarlatina.
297	296	242	274	273	310	502	1,200	2,610	2,634	1,934	4. Diphtheria.
-	-	-	-	-	747	242	170	107	143	78	5. Cerebro-spinal meningitis.
17	15	8	11	11	7	19	30	14	12	16	6. Quinsy.
485	473	434	473	480	435	411	680	684	544	583	7. Croup.
247	320	330	243	363	264	449	242	192	369	400	8. Whooping-cough.
896	1,205	1,333	1,116	1,703	1,406	1,147	1,059	881	814	679	9. Typhoid Fever.
159	176	129	201	212	235	216	257	209	181	168	10. Erysipelas.
68	61	66	49	65	98	101	99	80	55	53	11. Metria (Puerperal Fever).
5	2	4	8	5	8	8	8	6	12	7	12. Carbuncle.
29	49	36	33	34	35	48	58	48	29	22	13. Influenza.
685	481	471	389	564	435	366	437	417	580	602	14. Dysentery.
293	305	457	344	464	353	398	413	335	343	365	15. Diarrhœa.
1,561	1,424	1,914	1,718	3,254	2,553	2,322	2,606	2,087	1,927	1,573	16. Cholera Infantum.
117	95	107	96	137	106	95	94	91	60	68	17. Cholera.
12	5	11	7	12	15	6	16	2	3	7	18. Ague.
16	11	6	7	15	12	7	11	7	9	17	19. Remittent Fever.
128	113	136	127	160	195	173	217	186	166	157	20. Rheumatism.
											ORDER 2.
36	34	37	32	27	35	46	43	46	58	71	1. Syphilis.
3	-	3	1	3	9	3	4	3	2	3	2. Stricture of Urethra.
-	-	2	-	-	-	-	-	4	14	15	3. Hydrophobia.
-	1	-	2	4	2	-	2	3	-	-	4. Glanders.
9	4	5	3	3	3	4	3	3	3	2	5. Malignant Pustule.
-	-	-	-	-	-	-	11	19	30	25	6. Septicæmia.
											ORDER 3.
16	22	2	1	1	-	1	6	-	1	1	1. Privation.
18	19	13	9	19	11	19	23	18	15	32	2. Purpura and Scurvy.
23	27	27	30	45	30	32	15	15	13	16	3. Del. Trem. } Alcoholism.
51	54	48	58	89	79	75	72	71	39	49	4. Intemp'nce } Alcoholism.
											ORDER 4.
2	4	1	1	1	2	5	3	9	11	6	1. Thrush.
13	9	8	12	9	10	8	5	10	8	5	2. Worms.
											ORDER 1.
1	2	4	1	-	1	3	2	3	4	4	1. Gout.
470	458	491	527	618	545	469	474	445	412	370	2. Dropsy.
70	67	77	83	79	79	76	70	86	76	98	3. Anæmia.
445	492	516	551	542	611	585	593	657	646	807	4. Cancer.
113	115	172	102	154	137	94	99	72	52	41	5. Noma (Canker).
43	39	46	49	56	38	37	48	61	59	46	6. Mortification.
											ORDER 2.
140	115	105	149	121	122	108	121	103	99	100	1. Scrofula.
243	263	363	333	470	522	578	568	552	421	458	2. Tabes Mesenterica.
4,437	4,659	5,003	5,070	5,556	5,556	5,284	5,738	5,327	5,457	5,334	3. Phthisis, Consumption.
337	359	408	407	446	460	435	447	397	404	430	4. Hydrocephalus (Tuberc. Meningitis).
											ORDER 1.
577	572	601	620	1,031	742	709	694	635	597	779	1. Cephalitis.
311	331	394	390	409	431	433	460	507	544	562	2. Apoplexy.
630	607	630	714	791	858	775	896	826	873	895	3. Paralysis.
91	87	103	89	103	88	100	118	146	112	153	4. Insanity.
4	1	1	3	6	7	6	3	4	4	4	5. Chorea.
134	130	134	121	146	123	134	135	127	110	101	6. Epilepsy.
14	18	19	18	18	12	24	19	20	20	12	7. Tetanus.
499	479	527	522	658	629	595	607	597	568	542	8. Convulsions.
345	351	367	378	456	442	425	448	418	414	403	9. *Brain Disease, &c.*
											ORDER 2.
24	19	15	19	16	28	39	44	49	44	49	1. Pericarditis.
12	10	8	12	15	13	25	12	17	12	22	2. Aneurism.
984	918	981	1,155	1,223	1,258	1,302	1,360	1,375	1,397	1,509	3. *Heart Disease, &c.*

Digitized by Google

TABLE XI. — *Causes of Death registered,*

Class.	CAUSES OF DEATH.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.
III.	ORDER 3.											
	1. Epistaxis	–	–	–	–	3	2	–	3	2	–	1
	2. Laryngitis	1	1	4	15	18	7	11	14	15	7	15
	3. Bronchitis	39	39	41	110	188	185	197	194	179	202	208
	4. Pleurisy	115	122	126	119	119	102	128	143	88	92	94
	5. Pneumonia	1,075	1,174	1,167	1,333	1,285	1,140	1,724	1,801	1,493	1,639	1,378
	6. Asthma	22	38	30	50	42	44	58	53	58	37	55
	7. *Lung Disease, &c.*	37	33	46	62	53	52	63	61	51	47	74
	ORDER 4.											
	1. Gastritis	26	34	34	50	88	67	87	77	93	63	79
	2. Enteritis	189	202	252	276	239	231	234	271	242	240	255
	3. Peritonitis	13	16	22	56	45	34	71	54	65	65	77
	4. Ascites	3	8	3	19	12	23	14	22	21	17	8
	5. Ulceration of Intestines	11	2	14	23	13	14	24	13	14	23	17
	6. Hernia	11	25	8	30	40	30	20	25	53	30	31
	7. Ileus	74	63	54	70	50	72	82	63	67	68	51
	8. Intussusception	2	–	3	5	1	4	5	2	3	5	6
	9. Stricture of Intestines	–	–	–	1	–	–	1	–	–	1	3
	10. Fistula	1	2	3	2	–	1	6	1	–	2	6
	11. *Stomach Disease, &c.*	56	59	62	108	106	111	104	87	76	83	112
	12. *Pancreas Disease*	–	–	1	1	–	–	–	–	–	1	–
	13. Hepatitis	9	5	12	31	40	35	48	45	41	53	46
	14. Jaundice	27	26	22	35	35	29	45	26	37	31	46
	15. *Liver Disease, &c.*	121	134	153	143	157	153	166	150	141	146	143
	16. *Spleen Disease, &c.*	2	3	1	–	1	3	1	–	2	1	2
	ORDER 5.											
	1. Nephritis	5	4	8	8	16	8	13	36	16	15	14
	2. Ischuria	7	7	4	4	10	8	8	3	1	3	2
	3. Nephria (Bright's Disease)	3	3	2	5	14	13	33	13	55	34	54
	4. Diabetes	23	35	35	38	35	36	45	31	52	31	55
	5. Calculus (Gravel, &c.)	32	21	29	14	11	12	18	15	16	20	24
	6. Cystitis	8	9	9	16	12	14	21	7	11	28	21
	7. *Kidney Disease, &c.*	38	40	48	60	71	83	67	92	108	91	106
	ORDER 6.											
	1. Ovarian Dropsy	1	7	5	21	17	18	19	22	21	12	16
	2. *Uterus Disease, &c.*	6	9	10	19	17	21	17	23	19	19	25
	ORDER 7.											
	1. Arthritis	12	18	1	1	2	–	–	–	–	–	2
	2. *Joint Disease, &c.*	57	44	76	74	87	69	67	98	99	83	76
	ORDER 8.											
	1. Phlegmon	35	20	36	41	38	25	39	56	48	54	51
	2. Ulcer	11	11	7	13	18	14	20	10	15	15	8
	3. *Skin Disease, &c.*	2	6	5	7	8	7	6	14	11	6	6
IV.	ORDER 1.											
	1. Still-born	739	747	739	1,062	1,017	974	903	856	859	1,046	1,007
	2. Infantile, Premature, &c.	1,326	1,314	1,280	1,359	1,446	1,227	1,259	1,293	1,338	1,378	1,451
	3. Cyanosis	9	28	27	19	25	20	19	26	26	12	17
	4. Spina Bifida	1	3	4	13	5	4	6	3	6	8	6
	5. Other Malformations	3	11	5	25	35	12	10	25	13	22	15
	6. Teething	380	353	294	341	321	285	256	251	315	220	275
	ORDER 2.											
	1. Paramenia	1	3	3	9	5	6	2	4	–	5	3
	2. Childbirth	196	179	203	229	212	143	155	165	160	196	193
	ORDER 3.											
	1. Old Age	1,199	1,132	1,168	1,101	1,107	1,137	1,391	1,421	1,361	1,358	1,341
	ORDER 4.											
	1. Atrophy and Debility	127	98	71	144	148	148	118	113	137	133	124

Digitized by Google

for Twenty-two Years — Continued.

1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	CAUSES OF DEATH.
											ORDER 3.
–	1	–	–	–	1	1	4	1	5	4	1. Epistaxis.
10	13	12	17	16	23	25	24	29	11	29	2. Laryngitis.
241	239	259	272	287	328	395	433	428	397	548	3. Bronchitis.
100	93	75	90	81	90	103	103	86	82	80	4. Pleurisy.
1,651	1,736	1,718	1,858	2,295	2,097	2,386	2,940	2,447	1,972	2,171	5. Pneumonia.
75	67	66	61	96	93	110	103	86	112	111	6. Asthma.
80	82	55	58	59	66	61	77	74	60	57	7. *Lung Disease, &c.*
											ORDER 4.
81	54	90	93	109	123	134	161	143	132	151	1. Gastritis.
252	225	288	334	358	379	367	370	357	395	388	2. Enteritis.
67	72	86	69	100	102	129	155	123	126	164	3. Peritonitis.
15	18	13	11	15	12	8	11	21	17	10	4. Ascites.
24	25	14	20	27	14	24	18	22	18	23	5. Ulceration of Intestines.
29	45	39	34	36	35	41	50	43	43	51	6. Hernia.
73	64	89	97	94	81	73	85	80	81	71	7. Ileus.
4	9	3	3	4	3	5	11	8	11	7	8. Intussusception.
5	7	11	5	8	11	6	6	10	8	16	9. Stricture of Intestines.
1	2	4	5	5	8	9	4	2	7	3	10. Fistula.
103	93	89	119	123	132	148	194	157	177	186	11. *Stomach Diseases, &c.*
–	–	–	–	–	1	–	1	1	1	1	12. *Pancreas Disease.*
38	37	33	38	56	57	62	51	55	65	77	13. Hepatitis.
34	45	34	41	42	48	47	49	57	44	39	14. Jaundice.
159	173	194	200	205	234	235	228	227	232	207	15. *Liver Disease, &c.*
2	1	–	–	–	1	2	3	4	1	4	16. *Spleen Disease, &c.*
											ORDER 5.
22	13	19	14	23	22	31	30	47	67	86	1. Nephritis.
6	8	3	5	5	4	9	5	9	3	8	2. Ischuria.
76	125	140	199	223	271	299	293	308	329	383	3. Nephria (Bright's Disease).
43	50	55	33	53	60	63	78	47	73	83	4. Diabetes.
20	30	20	23	11	30	21	15	18	27	17	5. Calculus (Gravel, &c.).
20	18	19	21	13	32	38	27	41	52	78	6. Cystitis.
116	107	136	175	139	180	148	200	156	150	165	7. *Kidney Disease, &c.*
											ORDER 6.
23	15	17	27	27	26	22	34	30	22	40	1. Ovarian Dropsy.
23	14	23	13	21	24	36	35	39	48	40	2. *Uterus Disease, &c.*
											ORDER 7.
–	5	2	3	3	–	1	4	3	–	4	1. Arthritis.
83	85	95	90	111	169	110	116	105	136	128	2. *Joint Disease, &c.*
											ORDER 8.
42	66	60	70	82	73	56	69	57	40	66	1. Phlegmon.
14	11	10	13	14	11	22	18	15	20	14	2. Ulcer.
7	13	8	14	9	7	10	17	16	9	8	3. *Skin Diseases, &c.*
											ORDER 1.
1,050	1,094	1,019	1,390	1,283	1,246	1,469	1,374	1,274	1,254	1,261	1. Still-born.
627	665	737	741	876	774	720	721	586	519	578	2. Infantile, Premature, &c.
20	20	24	30	40	45	42	38	42	38	62	3. Cyanosis.
7	6	5	9	10	7	12	12	25	14	16	4. Spina Bifida.
20	26	25	35	18	37	38	41	32	36	60	5. Other Malformations.
234	254	308	260	367	348	286	325	273	259	226	6. Teething.
											ORDER 2.
3	3	7	4	4	4	6	4	2	5	5	1. Paramenia.
208	251	252	229	267	301	293	298	276	198	214	2. Childbirth.
											ORDER 3.
1,309	1,375	1,444	1,554	1,664	1,672	1,549	1,732	1,661	1,586	1,596	1. Old Age.
											ORDER 4.
387	333	385	519	574	691	640	655	631	573	610	1. Atrophy and Debility.

Digitized by Google

TABLE XI. — *Causes of Death registered,*

Class.	CAUSES OF DEATH.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.
V.	ORDER 1. (ACCIDENT OF NEGLIGENCE.)											
	1. Fractures and Contusions,	11	47	62	67	94	82	84	141	136	134	136
	2. Wounds	–	–	–	–	–	–	–	–	–	–	–
	3. Burns and Scalds . .	73	90	100	104	109	135	102	137	97	96	75
	4. Poison	17	22	13	18	18	24	29	26	19	24	23
	5. Drowning (and Lost at Sea)	245	210	273	258	331	197	276	283	186	222	247
	6. Suffocation (and Strangulation)	9	16	17	30	23	20	19	30	23	28	18
	7. Otherwise	80	19	25	21	35	35	43	33	33	90	33
	8. "Casualty" . . .	235	195	236	347	244	290	269	303	270	296	269
	ORDER 2.											
	1. Battle	–	–	–	–	8	298	244	634	61	1	–
	ORDER 3.											
	1. Homicide	27	18	18	19	19	18	24	10	27	11	15
	ORDER 4.											
	1. Suicide	97	8 2	83	113	92	92	67	65	78	73	75
	ORDER 5.											
	1. Execution	–	1	–	–	1	1	–	–	–	–	–
	Sudden, cause unascertained	16	14	20	19	29	38	32	28	21	18	25
	Causes not specified . .	482	440	429	548	683	661	691	701	650	560	453

Digitized by Google

for Twenty-two Years — Concluded.

1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	CAUSES OF DEATH.
											ORDER 1. (ACCIDENT OR NEGLIGENCE.)
157	168	178	224	180	198	178	191	194	221	222	1. Fractures and Contusions.
–	–	–	–	–	–	–	–	–	–	–	2. Wounds.
70	83	89	101	93	88	84	171	98	83	79	3. Burns and Scalds.
25	26	26	29	26	30	45	23	33	38	40	4. Poison.
231	283	306	346	299	432	436	330	475	260	299	5. Drowning (and Lost at Sea).
29	30	27	25	39	37	35	54	45	40	59	6. Suffocation (and Strang.).
98	25	61	32	95	43	35	53	74	27	70	7. Otherwise.
283	309	328	392	415	493	464	415	361	351	280	8. "Casualty."
											ORDER 2.
–	–	–	–	–	–	–	–	–	–	–	1. Battle.
											ORDER 3.
16	25	29	25	27	26	26	23	24	20	20	1. Homicide.
											ORDER 4.
88	92	91	122	117	117	115	159	119	163	126	1. Suicide.
											ORDER 5.
2	1	–	–	–	2	–	3	2	–	1	1. Execution.
31	23	26	16	12	16	13	1	12	4	15	Sudden, cause unascertained.
1,433	1,412	1,324	1,274	1,445	1,286	1,125	1,016	987	906	822	Causes not specified.

Digitized by Google

Table XII. — DEATHS FROM SEVERAL CAUSES IN 1878.

State and Counties.	Population in 1875.	Deaths from several causes in 1878.																				
		Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.*	Homicide.	Suicide.
MASSACHUSETTS	1,651,912	2	305	404	2,517	78	400	679	168	53	214	602	365	68	1,573	5,334	2,171	548	562	1,049	20	126
Barnstable	32,144	–	–	3	78	1	1	13	3	–	7	5	–	2	10	106	27	5	12	32	1	3
Berkshire	68,270	–	6	16	61	5	13	42	2	2	13	10	6	4	32	132	90	6	21	44	–	4
Bristol	131,087	–	13	80	245	3	72	56	10	5	20	73	39	8	129	423	129	44	49	70	–	8
Dukes and Nantucket	7,272	–	–	–	26	–	3	4	1	–	–	2	–	–	2	27	11	2	3	9	–	–
Essex	223,342	1	14	64	429	11	51	113	27	5	26	47	33	12	261	761	304	40	83	173	–	22
Franklin	33,696	–	1	3	12	1	10	12	–	1	2	2	–	–	14	73	59	7	11	17	–	2
Hampden	94,304	–	17	25	197	3	13	50	5	5	13	8	25	3	107	300	123	14	24	63	–	2
Hampshire	44,821	–	4	4	39	2	12	26	3	–	2	9	7	1	23	132	62	2	21	26	–	5
Middlesex	284,112	–	37	72	407	16	42	91	27	6	36	158	53	8	348	948	378	91	96	158	4	22
Norfolk	88,321	–	1	9	131	5	13	27	4	2	6	23	13	1	57	219	98	20	29	54	–	7
Plymouth	69,362	–	7	7	50	3	8	22	8	3	12	16	5	2	33	185	66	4	21	37	–	3
Suffolk	364,836	1	177	75	576	17	110	117	60	23	48	221	160	14	391	1,436	575	284	133	266	14	33
Worcester	210,295	–	28	46	266	11	52	106	18	1	29	28	24	13	166	592	249	29	59	100	1	15

* Including Burns and Scalds, 79; "Casualty," 280; Drowned, 241; Exposure, 12; Fractures and Contusions, 93; Frozen, 4; Heat, 46; Inhaling Gas, 1; Lightning, 5; Lost at Sea, 58; Poisoned, 40; Railroad Accidents, 129; Strangulation, 14; Suffocation, 45.

Digitized by Google

Counties and Towns.	Population in 1875.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.
		DEATHS FROM SEVERAL CAUSES IN 1878.																				
Barnstable County	32,144	-	-	3	78	1	1	13	3	-	7	5	-	2	10	106	27	5	12	32	1	3
Barnstable	4,302	-	-	-	4	-	-	1	-	-	-	-	-	-	1	19	5	-	3	2	-	-
Brewster	1,219	-	-	-	3	-	-	1	-	-	-	-	-	1	-	-	2	-	-	-	-	-
Chatham	2,274	-	-	-	9	-	-	1	-	-	1	-	-	-	1	12	-	-	-	1	-	2
Dennis	3,369	-	-	-	16	-	1	4	-	-	-	-	-	-	1	17	3	-	-	1	-	-
Eastham	639	-	-	-	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Falmouth	2,211	-	-	1	1	-	-	1	-	-	1	2	-	-	-	6	6	-	1	1	-	1
Harwich	3,355	-	-	1	20	-	-	1	-	-	1	-	-	-	2	11	3	-	-	1	-	-
Mashpee	278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-
Orleans	1,373	-	-	-	12	-	-	2	2	-	-	-	-	-	-	6	-	-	2	8	-	-
Provincetown	4,357	-	-	-	1	1	-	-	-	-	2	-	-	-	2	8	4	2	3	10	-	-
Sandwich	3,417	-	-	1	1	-	-	1	1	-	2	1	-	-	-	12	1	-	2	3	1	-
Truro	1,098	-	-	-	1	-	-	-	-	-	-	2	-	-	3	3	-	1	-	-	-	-
Wellfleet	1,988	-	-	-	3	-	-	-	-	-	-	-	-	-	-	5	-	2	1	5	-	-
Yarmouth	2,264	-	-	-	5	-	-	-	-	-	-	-	-	-	-	5	2	-	-	-	-	-
Berkshire County	68,270	-	6	16	61	5	13	42	2	2	13	10	6	4	32	132	90	6	21	44	-	4
Adams	15,760	-	2	-	3	-	1	10	-	-	1	-	1	-	2	18	11	-	1	5	-	-
Alford	389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Becket	1,329	-	-	-	-	-	1	2	-	-	-	1	-	-	-	5	2	-	-	-	-	-
Cheshire	1,693	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	1	-	3	-	-
Clarksburg	670	-	-	-	-	-	2	1	-	-	-	-	-	-	2	1	2	-	-	1	-	-
Dalton	1,759	-	-	2	4	-	-	1	-	-	1	-	-	-	2	2	4	-	-	1	-	-
Egremont	890	-	-	-	-	-	-	1	-	-	1	-	-	-	-	3	2	-	-	1	-	-
Florida	572	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Great Barrington	4,385	-	-	2	-	-	-	4	-	1	1	-	-	-	-	14	5	-	2	-	-	-
Hancock	730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Hinsdale	1,571	-	-	1	1	-	-	-	1	-	-	-	-	-	1	1	4	1	-	1	-	-
Lanesborough	1,357	-	-	-	-	-	-	-	-	-	2	-	-	-	-	3	5	-	-	-	-	-
Lee	3,900	-	-	5	6	-	2	5	-	-	1	2	-	-	2	2	6	-	1	2	-	-
Lenox	1,845	-	-	-	1	-	-	1	-	-	-	-	-	-	-	4	3	-	-	2	-	-
Monterey	703	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	-
Mount Washington	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Ashford	160	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
New Marlborough	2,037	-	-	-	2	-	1	5	-	-	-	4	-	-	1	3	2	2	1	3	-	-
North Adams*	-	-	-	1	5	-	3	7	-	-	2	-	-	-	1	18	6	-	1	4	-	-

* Included with Adams to April 16, 1878.

Digitized by Google

TABLE XII. — Continued.

COUNTIES AND TOWNS.	Population in 1875.	DEATHS FROM SEVERAL CAUSES IN 1878.																				
		Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.
Berkshire County — Con.																						
Otis	855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
Peru	443	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	1	-	1	-	-	-
Pittsfield	12,267	-	-	2	31	3	-	1	1	1	1	1	4	1	10	20	14	2	5	12	-	2
Richmond	1,141	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-
Sandisfield	1,172	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	-	2	-	-	-
Savoy	730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sheffield	2,233	-	-	2	-	1	-	1	-	-	-	-	1	1	2	5	4	-	-	2	-	-
Stockbridge	2,089	-	-	-	1	-	-	-	-	-	-	-	-	-	1	7	-	-	3	1	-	-
Tyringham	517	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-
Washington	603	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-
West Stockbridge	1,981	-	-	-	1	-	1	-	-	-	-	-	-	1	1	4	3	-	1	1	-	-
Williamstown	3,683	-	4	1	2	1	2	1	-	-	2	1	-	1	3	6	3	-	-	4	-	1
Windsor	624	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	3	-	-	-	-	-
BRISTOL COUNTY	131,087	-	13	80	245	3	72	56	10	5	20	73	39	8	129	423	129	44	49	69	-	8
Acushnet	1,059	-	-	-	2	-	2	-	1	-	1	1	-	-	2	2	2	-	2	-	-	-
Attleborough	9,224	-	-	-	18	1	3	2	1	-	3	-	-	1	12	26	16	1	5	8	-	-
Berkley	781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dartmouth	3,434	-	-	1	7	-	-	1	1	-	-	1	-	-	2	8	3	1	2	4	-	1
Dighton	1,755	-	-	-	-	-	-	1	-	-	-	1	1	1	3	6	3	-	-	-	-	1
Easton	3,898	-	1	-	4	-	4	2	-	-	-	-	1	-	3	8	2	-	-	-	-	1
Fairhaven	2,768	-	-	-	18	-	-	1	1	-	-	2	1	-	2	13	2	1	2	2	-	-
Fall River	45,340	-	6	55	70	1	50	26	3	-	5	30	30	5	75	162	39	26	14	23	-	1
Freetown	1,396	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-
Mansfield	2,656	-	1	1	2	-	-	1	-	1	2	1	-	-	2	10	6	-	1	3	-	-
New Bedford	25,895	-	1	16	56	1	6	9	2	4	7	30	2	1	19	88	30	3	11	14	-	1
Norton	1,595	-	-	-	2	-	-	-	-	-	1	-	-	-	-	4	3	-	-	1	-	-
Raynham	1,687	-	-	-	2	-	-	-	-	-	-	-	-	-	-	4	-	1	3	-	-	-
Rehoboth	1,827	-	-	-	2	-	2	2	-	-	-	1	-	-	2	6	2	-	-	3	-	-
Seekonk	1,167	-	-	-	2	-	1	-	-	-	-	-	-	-	-	3	-	-	1	-	-	-
Somerset	1,940	-	-	-	2	-	2	-	-	-	-	-	-	-	-	8	-	-	-	3	-	-
Swanzey	1,308	-	-	1	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-	1	-	-
Taunton	20,445	-	4	6	55	-	1	8	-	-	1	1	3	-	6	63	19	10	5	6	-	2
Westport	2,912	-	-	-	3	-	-	1	1	-	-	3	1	-	1	8	1	1	3	1	-	1

Digitized by Google

DUKES AND NANTUCKET COS.	7,272	-	-	-	26	-	3	4	1	-	-	2	-	-	2	27	11	2	3	9	-	-
Chilmark	508	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
Edgartown	1,707	-	-	-	1	-	1	2	-	-	-	1	-	-	2	7	3	2	-	1	-	-
Gay Head	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Gosnold	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Tisbury	1,525	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	1	1	-	-
Nantucket	3,201	-	-	-	25	-	1	2	1	-	-	1	-	-	-	16	6	-	2	5	-	-
ESSEX COUNTY	222,342	1	14	64	429	11	51	113	27	5	26	47	33	12	261	761	304	40	83	173	-	22
Amesbury	5,987	-	-	1	1	2	-	1	-	1	-	-	-	-	1	6	2	3	1	1	-	-
Andover	5,097	-	-	-	7	-	1	1	-	-	-	1	-	-	4	13	4	1	10	1	-	-
Beverly	7,271	-	-	3	28	-	-	4	-	-	1	1	-	-	11	23	8	-	1	4	-	-
Boxford	834	-	-	-	-	-	-	-	1	-	1	-	-	-	1	4	-	1	-	-	-	-
Bradford	2,347	-	-	-	3	-	-	1	-	-	-	-	-	-	4	10	1	-	-	4	-	-
Danvers	6,024	-	-	-	3	-	1	3	1	1	2	2	1	1	8	14	6	1	4	2	-	2
Essex	1,713	-	-	-	1	-	-	-	-	-	-	-	-	-	1	11	4	1	1	-	-	-
Georgetown	2,214	-	-	-	13	-	-	-	-	-	-	-	-	-	1	10	4	1	-	1	-	-
Gloucester	16,754	-	-	1	17	1	2	11	4	-	1	-	1	-	16	59	18	2	4	52	-	4
Groveland	2,084	-	-	-	19	-	-	2	-	-	-	-	-	-	1	11	4	-	1	-	-	-
Hamilton	797	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-
Haverhill	14,628	1	3	-	54	-	12	8	3	-	2	4	5	1	32	51	22	3	9	6	-	4
Ipswich	3,674	-	-	-	5	-	1	1	-	-	-	-	-	-	1	11	4	1	1	4	-	-
Lawrence	34,916	-	5	7	80	-	17	30	5	1	7	4	9	1	89	165	66	5	6	20	-	2
Lynn	32,600	-	1	18	69	-	4	13	4	1	5	16	4	1	30	129	52	4	9	13	-	3
Lynnfield	769	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Manchester	1,560	-	-	-	-	-	-	2	-	-	-	-	-	-	3	7	-	-	1	2	-	-
Marblehead	7,677	-	-	-	10	2	-	3	1	-	-	3	-	-	1	31	7	-	5	5	-	1
Merrimac	-	-	-	-	3	-	-	4	1	-	-	-	-	-	-	5	1	-	-	-	-	-
Methuen	4,205	-	1	2	6	1	-	3	-	-	1	-	1	1	3	13	4	-	-	1	-	-
Middleton	1,092	-	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-
Nahant	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Newbury	1,426	-	-	-	-	-	-	4	-	-	-	-	-	-	1	3	1	-	-	1	-	-
Newburyport	13,323	-	1	4	3	2	2	3	3	-	-	9	4	2	15	36	16	2	6	8	-	1
North Andover	2,981	-	-	2	3	-	7	1	-	-	-	-	1	1	1	3	2	-	-	2	-	-
Peabody	8,066	-	-	4	47	-	-	4	1	-	-	1	-	-	6	23	10	4	6	3	-	2
Rockport	4,480	-	2	-	4	-	-	2	1	-	2	1	1	-	7	9	6	5	2	4	-	-
Rowley	1,162	-	-	1	1	-	-	1	-	-	1	-	-	1	-	2	1	-	-	1	-	-
Salem	25,958	-	1	11	45	-	2	8	2	1	2	4	5	-	18	82	39	6	15	21	-	3
Salisbury	4,078	-	-	4	3	2	-	1	-	-	-	-	-	1	-	5	5	-	1	3	-	-
Saugus	2,578	-	-	-	-	-	1	-	-	-	-	-	1	1	1	7	5	-	-	1	-	-
Swampscott	2,128	-	-	2	1	1	-	1	-	-	-	-	-	-	4	5	4	-	-	1	-	-
Topsfield	1,221	-	-	-	1	-	-	1	-	-	-	-	-	-	-	2	2	-	-	2	-	-
Wenham	911	-	-	-	-	-	1	-	-	-	1	-	-	-	-	3	2	-	-	3	-	-
West Newbury	2,021	-	-	-	1	-	-	-	-	-	-	1	-	1	-	4	2	-	-	4	-	-
FRANKLIN COUNTY	33,696	-	1	3	12	1	10	12	-	1	2	2	-	-	14	73	59	7	11	17	-	2
Ashfield	1,190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	1	-	-
Bernardston	991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	2	1	-	-

Digitized by Google

TABLE XII. — Continued.

Counties and Towns.	Population in 1875.	Deaths from several causes in 1878.																				
		Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.
Franklin County — Con.																						
Buckland	1,921	–	–	–	1	–	–	1	–	–	–	–	–	–	–	3	2	–	2	–	–	–
Charlemont	1,029	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Colerain	1,699	–	–	–	1	–	–	1	–	–	–	–	–	–	–	2	1	2	–	1	–	1
Conway	1,452	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	4	–	–	–	–	–
Deerfield	3,414	–	–	1	–	–	–	–	–	1	–	–	–	–	–	11	5	–	–	–	–	–
Erving	794	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	–	1	2	–	–
Gill	673	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	1	–	–	–	–	–
Greenfield	3,540	–	1	1	2	–	1	5	–	–	–	1	–	–	–	6	11	1	2	2	–	–
Hawley	588	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	–	1	–	–	–	–
Heath	545	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Leverett	831	–	–	–	2	–	–	–	–	–	–	–	–	–	–	2	4	–	–	–	–	–
Leyden	524	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	1	–	–	–	–	–
Monroe	190	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Montague	3,380	–	–	1	1	–	–	1	–	–	1	–	–	–	4	8	5	1	1	3	–	–
New Salem	923	–	–	–	–	–	1	–	–	–	–	–	–	–	1	4	–	–	1	–	–	–
Northfield	1,641	–	–	–	1	–	2	–	–	–	–	–	–	–	2	4	3	–	1	3	–	–
Orange	2,497	–	–	–	–	1	–	–	–	–	–	–	–	–	2	4	7	–	2	1	–	1
Rowe	691	–	–	–	3	–	2	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Shelburne	1,590	–	–	–	1	–	–	–	–	–	1	–	–	–	1	1	1	–	–	1	–	–
Shutesbury	558	–	–	–	–	–	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Sunderland	860	–	–	–	–	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Warwick	744	–	–	–	–	–	1	–	–	–	–	–	–	–	1	2	4	1	1	–	–	–
Wendell	503	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1	1	–	–	2	–	–
Whately	958	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	4	–	–	–	–	–
Hampden County.	94,304	–	17	25	197	3	13	50	5	5	13	8	25	3	107	300	123	14	24	63	–	2
Agawam	2,248	–	–	3	3	–	–	2	–	–	–	–	–	–	4	6	4	–	1	1	–	–
Blandford	964	–	–	2	–	–	–	–	–	1	–	–	–	–	–	5	2	–	–	1	–	–
Brimfield	1,201	–	–	–	1	–	–	1	–	–	–	–	–	–	–	1	3	–	–	–	–	–
Chester	1,396	–	1	1	–	–	–	2	–	–	–	–	1	–	–	6	–	–	1	1	–	–
Chicopee	10,335	–	8	5	11	–	4	5	1	–	2	1	4	–	17	22	11	–	5	8	–	–
Granville	1,240	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	–	–	–	–	–	–
Hampden	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	2	–	–	1	–	–
Holland	334	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–
Holyoke	16,260	–	5	–	57	1	7	7	1	–	2	2	13	–	37	60	33	9	–	10	–	–
Longmeadow	1,467	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	2	–	–	1	–	–

Digitized by Google

Ludlow	1,222	-	-	-	-	-	-	1	-	-	-	-	-	-	-	4	2	-	-	5	-	-
Monson	3,733	-	-	-	35	-	-	2	-	-	2	-	-	-	-	15	2	-	1	5	-	-
State Primary School	-	-	-	-	3	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	-
Montgomery	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Palmer	4,572	-	-	-	15	-	1	4	-	-	1	-	-	-	3	20	6	-	2	4	-	-
Russell	643	-	-	-	1	-	-	-	-	-	-	-	-	-	1	4	1	-	-	-	-	-
Southwick	1,114	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-
Springfield	31,053	-	3	8	22	2	-	18	3	1	1	3	6	3	33	111	33	3	11	15	-	2
Tolland	452	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Wales	1,020	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1	-	-
Westfield	8,431	-	-	3	34	-	1	6	-	-	2	2	-	-	4	25	3	-	-	5	-	-
West Springfield	3,739	-	-	2	12	-	-	1	-	-	3	-	1	-	1	8	9	-	1	1	-	-
Wilbraham	2,576	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	5	1	-	3	-	-
Hampshire County	44,821	-	4	4	39	2	12	26	3	-	2	9	7	1	23	132	62	2	21	26	-	5
Amherst	3,937	-	-	-	1	-	1	2	-	-	2	2	-	-	2	10	4	-	2	2	-	-
Belchertown	2,315	-	-	1	-	-	-	1	-	-	-	-	-	-	-	7	4	-	-	2	-	-
Chesterfield	746	-	-	-	-	-	-	2	-	-	-	-	-	-	-	6	3	-	1	-	-	1
Cummington	916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1
Easthampton	3,972	-	-	-	2	1	-	-	-	-	-	-	2	-	2	12	4	1	2	2	-	-
Enfield	1,065	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	4	-	1	-	-	-
Goshen	349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-
Granby	812	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-
Greenwich	606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Hadley	2,125	-	-	-	1	-	1	2	-	-	-	1	-	-	-	9	6	-	1	2	-	-
Hatfield	1,600	-	1	-	-	-	-	-	-	-	-	1	-	-	4	3	3	-	2	1	-	-
Huntington	1,095	-	-	-	-	-	-	-	1	-	-	-	-	-	1	3	5	-	-	-	-	1
Middlefield	603	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-
Northampton	11,108	-	1	-	12	-	6	6	1	-	-	4	2	1	2	35*	6†	1	2	4	-	-
Pelham	633	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-
Plainfield	481	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Prescott	493	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	1
South Hadley	3,370	-	-	-	4	1	-	4	-	-	-	-	2	-	4	8	2	-	1	2	-	-
Southampton	1,050	-	-	-	4	-	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-	-
Ware	4,142	-	2	3	10	-	2	8	1	-	-	-	1	-	6	13	8	-	-	5	-	1
Westhampton	556	-	-	-	2	-	-	-	-	-	-	-	-	-	-	4	1	-	-	1	-	-
Williamsburg	2,029	-	-	-	1	-	-	-	-	-	-	-	-	-	1	9	4	-	1	2	-	-
Worthington	818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	2	-	-	-
Middlesex County	284,112	-	37	72	407	17	42	91	27	6	36	158	53	8	348	948	378	91	96	158	4	22
Acton	1,708	-	-	-	1	-	-	2	-	-	-	2	-	-	1	5	3	-	-	3	-	2
Arlington	3,906	-	-	-	12	-	-	-	-	-	-	2	1	-	3	13	10	1	1	-	-	-
Ashby	962	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	2	-	-	2	-	-
Ashland	2,211	-	-	-	20	1	-	1	-	-	-	1	-	-	2	4	3	-	-	3	-	-
Ayer	1,872	-	-	-	6	-	-	-	-	-	-	-	-	-	-	1	6	-	-	2	-	-
Bedford	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-
Belmont	1,937	-	-	1	5	-	-	-	-	-	-	-	-	-	2	3	4	-	-	2	-	-
Billerica	1,881	-	-	1	1	-	-	-	1	-	-	4	-	-	-	11	6	-	-	-	-	-

* Including 6 at Asylum. † Including 1 at Asylum.

Digitized by Google

TABLE XII. — Continued.

Counties and Towns.	Population in 1875.	Deaths from several causes in 1878.																				
		Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.
Middlesex County — Con.																						
Boxborough	318	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Burlington	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Cambridge	47,838	-	3	1	87	5	3	8	5	1	6	39	14	-	78	153	82	24	17	29	1	2
Carlisle	548	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Chelmsford	2,372	-	-	-	2	-	-	1	-	-	-	2	-	-	2	11	4	1	1	1	-	-
Concord	2,676	-	-	-	1	-	-	1	-	-	-	-	-	-	1	6	2	-	2	2	-	-
Dracut	1,116	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
Dunstable	452	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Everett	3,651	-	-	-	-	-	2	1	-	-	-	-	-	-	2	10	5	-	-	3	-	1
Framingham	5,167	-	-	1	3	-	3	-	-	-	-	4	-	-	2	7	8	-	-	2	-	1
Groton	1,908	-	-	-	-	-	-	1	-	-	-	-	1	-	1	7	2	-	-	-	-	-
Holliston	3,399	-	1	1	20	-	-	-	2	-	1	-	1	-	5	11	3	1	3	1	-	-
Hopkinton	4,503	-	-	2	4	-	-	2	-	-	3	1	1	-	1	14	3	1	1	1	-	1
Hudson	3,493	-	-	1	-	1	3	1	-	-	3	-	-	-	3	17	2	-	1	1	-	-
Lexington	2,505	-	-	-	-	-	-	-	1	-	-	1	-	-	1	12	3	-	2	1	-	-
Lincoln	834	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	-	-	1	-	-
Littleton	950	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	3	-	2
Lowell	49,688	-	23	2	92	2	6	27	4	2	5	20	5	6	97	193	64	18	18	34	-	5
Malden	10,843	-	-	5	7	-	-	4	-	-	1	3	-	-	10	26	6	2	5	7	-	-
Marlborough	8,424	-	1	3	8	1	5	5	-	1	-	5	-	-	12	29	24	-	2	1	-	-
Maynard	1,965	-	-	20	5	-	-	-	-	-	-	-	-	-	1	6	2	1	1	1	-	-
Medford	6,627	-	-	3	3	-	1	1	-	-	-	1	-	-	4	19	5	-	9	3	-	-
Melrose	3,990	-	-	-	2	-	-	3	-	-	-	-	1	-	1	8	-	-	2	3	1	1
Natick	7,419	-	-	-	4	1	-	3	-	-	-	6	2	-	4	20	13	-	2	4	-	-
Newton	16,105	-	-	2	8	1	3	6	1	-	4	17	5	1	24	44	5	3	4	5	-	-
North Reading	979	-	-	-	-	1	1	-	-	-	-	-	-	-	-	3	2	-	-	1	-	-
Pepperell	1,927	-	-	5	-	-	-	-	-	-	1	1	-	-	-	1	4	2	-	-	-	-
Reading	3,186	-	-	2	4	-	2	1	-	1	-	8	1	-	2	11	-	1	-	-	-	-
Sherborn	999	-	2	-	1	-	6	-	-	-	-	-	1	-	1	5	3	3	3	1	-	-
Shirley	1,352	-	-	-	-	-	-	1	-	-	2	1	-	-	-	4	1	1	1	-	-	-
Somerville	21,868	-	3	14	30	1	1	6	3	-	5	5	7	-	27	62	28	15	5	6	-	3
Stoneham	4,984	-	-	2	2	-	-	-	1	-	-	-	-	-	3	15	2	1	1	3	-	1
Stow	1,022	-	-	-	-	-	-	-	-	-	1	-	-	-	-	4	1	-	-	2	-	1
Sudbury	1,177	-	-	-	4	-	-	-	-	-	-	1	-	-	-	2	1	-	-	-	-	-
Tewksbury	1,997	-	-	-	1	-	-	1	-	-	-	1	-	-	-	4	1	-	-	1	-	-
State Almshouse at Tewksbury,	-	-	-	-	1	-	-	-	2	-	-	3	1	-	6	82	8	3	4	-	-	-
Townsend	2,196	-	-	-	-	1	-	2	-	-	1	-	-	-	2	3	6	-	1	2	-	-
Tyngsborough	665	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1

Digitized by Google

Wakefield	5,349	-	-	2	32	-	-	2	-	-	-	-	-	-	5	8	4	2	3	2	-	-
Waltham	9,967	-	-	1	13	-	2	2	3	-	-	10	4	-	13	36	8	6	3	9	-	-
Watertown	5,099	-	-	3	2	-	1	3	2	-	1	2	3	1	4	11	4	2	1	5	1	-
Wayland	1,766	-	-	-	-	-	2	2	-	-	1	-	-	-	-	6	3	-	1	-	-	-
Westford	1,933	-	-	-	3	-	-	-	-	-	-	-	1	-	1	6	5	-	-	1	-	-
Weston	1,282	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Wilmington	879	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
Winchester	3,099	-	1	-	13	-	1	3	-	-	-	-	-	-	2	7	7	3	-	2	-	-
Woburn	9,568	-	3	-	5	1	-	-	1	1	1	17	4	-	19	33	17	-	2	6	1	-
NORFOLK COUNTY	88,321	-	1	9	131	5	13	27	4	2	6	23	13	1	57	219	98	20	29	54	-	7
Bellingham	1,247	-	-	-	1	-	1	-	-	-	-	-	2	-	-	1	1	1	-	-	-	-
Braintree	4,156	-	-	-	3	1	-	2	1	1	-	-	-	-	5	10	7	1	1	4	-	-
Brookline	6,675	-	-	1	5	-	-	1	-	-	2	4	-	-	5	14	5	1	2	2	-	-
Canton	4,192	-	-	1	23	-	1	2	1	-	-	-	1	-	2	9	4	4	3	2	-	-
Cohasset	2,197	-	-	-	-	-	-	-	-	-	-	5	-	-	-	4	3	4	2	-	-	-
Dedham	5,756	-	-	-	2	-	-	1	-	1	1	2	1	-	8	25	3	3	-	2	-	2
Dover	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	-	2	-	-	-
Foxborough	3,168	-	-	2	1	1	-	1	-	-	-	-	-	-	2	2	6	-	2	1	-	-
Franklin	2,983	-	-	1	5	-	2	1	-	-	-	-	-	-	-	2	1	1	2	2	-	-
Holbrook	1,726	-	-	-	3	-	-	1	-	-	-	-	1	-	2	3	1	1	-	-	-	-
Hyde Park	6,316	-	1	-	5	-	-	-	2	-	1	1	1	-	5	17	6	-	1	4	-	-
Medfield	1,163	-	-	-	1	-	-	2	-	-	1	1	-	-	2	1	2	1	1	-	-	1
Medway	4,242	-	-	-	5	-	1	1	-	-	-	1	3	-	3	15	2	-	4	-	-	1
Milton	2,738	-	-	-	2	1	-	-	-	-	-	1	-	-	1	4	3	-	-	1	-	1
Needham	4,548	-	-	-	7	-	-	2	-	-	-	2	-	-	2	8	3	-	-	4	-	-
Norfolk	920	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-
Norwood	1,749	-	-	2	-	-	2	-	-	-	-	2	-	-	1	7	2	-	1	2	-	1
Quincy	9,155	-	-	1	42	1	-	3	-	-	-	3	3	-	6	29	10	1	2	20	-	-
Randolph	4,064	-	-	-	6	1	3	2	-	-	-	1	-	-	3	13	3	1	2	1	-	-
Sharon	1,330	-	-	-	-	-	-	1	-	-	-	-	-	-	1	4	-	-	-	1	-	-
Stoughton	4,842	-	-	-	10	-	1	1	-	-	1	-	-	-	2	15	6	1	1	3	-	-
Walpole	2,290	-	-	-	1	-	-	1	-	-	-	-	-	1	-	5	3	-	1	2	-	-
Weymouth	9,819	-	-	1	9	-	1	3	-	-	-	-	-	-	6	23	16	-	1	3	-	1
Wrentham	2,395	-	-	-	-	-	1	1	-	-	-	-	1	-	-	4	6	-	1	-	-	-
PLYMOUTH COUNTY	69,362	-	7	7	50	3	8	22	8	3	12	16	5	2	33	185	66	4	21	37	-	3
Abington	3,241	-	-	-	6	-	-	1	1	-	1	1	-	-	3	7	1	-	1	2	-	1
Bridgewater	3,969	-	-	-	-	-	2	1	-	-	-	-	-	-	-	8	-	-	1	3	-	-
State Almshouse at Bridgewater,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-
Brockton	10,578	-	3	1	11	1	5	3	2	-	3	1	-	-	10	32	11	2	-	2	-	-
Carver	1,127	-	2	-	-	-	-	1	1	-	-	-	-	-	-	6	-	-	-	1	-	1
Duxbury	2,245	-	-	1	1	-	-	1	-	-	-	-	-	-	-	2	2	-	1	1	-	-
East Bridgewater	2,808	-	-	-	-	-	-	2	-	-	1	-	1	-	1	4	2	-	2	4	-	-
Halifax	568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
Hanover	1,801	-	-	-	2	-	-	-	-	-	2	1	-	-	-	5	1	-	2	-	-	-
Hanson	1,265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	1	2	-	-
Hingham	4,654	-	-	-	-	-	-	-	-	-	1	5	-	-	-	13	3	1	-	1	-	-
Hull	316	-	-	-	4	-	-	1	-	-	1	-	-	-	-	1	-	-	-	1	-	-

Digitized by Google

TABLE XII. — Concluded.

Counties and Towns.	Population in 1875.	Deaths from several causes in 1878.																				
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria and Croup.	Cerebro-Sp. Meningitis.	Whooping-Cough.	Typhoid Fever.	Erysipelas.	Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.
Plymouth County — Con.																						
Kingston	1,569	-	-	-	-	-	-	-	-	-	1	1	-	-	-	5	-	-	-	2	-	-
Lakeville	1,061	-	-	-	1	-	-	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-
Marion	862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Marshfield	1,817	-	-	-	1	-	-	-	-	-	-	-	-	-	-	6	6	-	1	1	-	-
Mattapoisett	1,361	-	-	1	-	-	-	-	1	-	-	2	-	-	-	2	-	-	-	-	-	-
Middleborough	5,023	-	-	-	1	-	-	1	-	-	1	-	-	-	-	13	4	-	5	2	-	-
Pembroke	1,399	-	-	-	2	-	-	1	-	-	-	-	1	-	-	3	-	-	-	1	-	-
Plymouth	6,370	-	1	1	1	-	-	1	1	1	1	-	1	1	5	19	12	-	-	8	-	-
Plympton	755	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Rochester	1,001	-	-	-	2	-	-	1	-	-	-	-	-	-	1	2	1	-	-	2	-	1
Rockland	4,203	-	-	-	6	1	-	1	1	2	-	3	-	-	3	9	3	-	2	2	-	-
Scituate	2,463	-	-	-	1	-	-	1	-	-	-	1	1	1	2	10	2	-	2	-	-	-
South Abington	2,456	-	-	3	-	1	-	1	-	-	-	-	-	-	3	7	2	-	-	1	-	-
South Scituate	1,818	-	-	-	2	-	1	1	-	-	-	1	-	-	3	6	3	-	-	-	-	-
Wareham	2,874	-	-	-	7	-	-	2	1	-	-	-	-	-	1	9	2	-	1	1	-	-
West Bridgewater	1,758	-	-	-	-	-	-	1	-	-	-	-	1	-	-	6	4	-	1	-	-	-
Suffolk County	364,886	1	177	75	576	17	110	117	60	23	48	221	160	14	391	1,436	575	284	133	265	14	33
Boston	341,919	1	170	74	557	17	108	106	58	21	47	113	153	14	380	1,369	534	282	129	261	14	31
Chelsea	20.737	-	7	1	15	-	2	10	2	2	1	5	5	-	9	64	36	2	3	3	-	2
Revere	1,603	-	-	-	4	-	-	1	-	-	-	-	-	-	2	1	4	-	1	-	-	-
Winthrop	627	-	-	-	-	-	-	-	-	-	-	3	2	-	-	2	1	-	-	1	-	-
Worcester County	210,295	-	28	46	266	11	52	106	18	1	29	28	24	13	166	592	249	29	59	100	1	15
Ashburnham	2,141	-	-	-	-	-	-	1	-	-	-	2	-	-	-	3	-	-	-	-	-	-
Athol	4,134	-	-	1	-	-	-	1	-	-	2	1	-	1	1	10	6	3	1	2	-	-
Auburn	1,233	-	-	-	2	-	-	-	3	-	-	-	-	-	3	-	2	-	1	1	-	-
Barre	2,460	-	-	1	-	-	2	4	-	-	-	1	-	-	1	6	-	1	-	3	-	-
Berlin	987	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-
Blackstone	4,640	-	-	-	7	-	-	2	-	-	-	-	-	-	1	8	-	-	1	2	-	-
Bolton	987	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	-	-	1	-	-	1
Boylston	895	-	-	-	-	-	-	1	-	-	-	1	-	-	1	2	-	-	1	2	-	-

Digitized by Google

Brookfield	2,660	-	-	-	-	-	-	-	-	-	-	1	3	-	6	7	1	1	2	-	-	-
Charlton	1,852	-	-	-	-	-	-	-	-	-	-	1	-	-	1	5	4	-	1	-	-	-
Clinton	6,781	-	-	-	1	-	-	1	1	-	-	-	1	2	8	32	8	2	-	2	-	-
Dana	760	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Douglas	2,202	-	2	-	1	-	-	1	1	-	1	-	-	-	1	6	-	-	-	3	-	-
Dudley	2,653	-	2	1	1	-	-	-	-	-	2	-	-	-	3	7	2	-	8	-	-	-
Fitchburg	12,289	-	-	1	3	1	-	3	-	-	-	-	1	-	8	28	8	2	5	5	-	-
Gardner	3,730	-	-	8	9	-	-	1	-	-	2	1	1	-	2	10	2	-	-	-	-	-
Grafton	4,442	-	-	3	9	-	-	2	-	-	1	1	-	-	3	7	2	-	-	3	-	-
Hardwick	1,992	-	-	-	-	-	1	-	-	-	-	-	-	-	-	4	-	-	-	1	-	1
Harvard	1,304	-	-	-	1	-	-	3	-	-	-	-	-	-	1	1	3	-	-	1	-	-
Holden	2,180	-	-	-	-	-	-	5	1	-	-	-	-	-	4	5	5	-	-	-	-	1
Hubbardston	1,440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	1	-	-	-	-	-
Lancaster	1,957	-	-	-	1	-	-	1	-	-	-	-	-	-	-	6	-	-	2	1	-	-
Leicester	2,770	-	-	-	3	-	1	2	-	-	1	1	-	1	2	12	1	1	1	-	-	-
Leominster	5,201	-	-	1	2	-	1	1	-	-	-	1	1	-	5	10	2	-	2	6	-	-
Lunenburg	1,153	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	2	1	-	-	-	-
Mendon	1,176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	-	1	-	-	-
Milford	9,818	-	1	-	18	-	8	5	2	-	-	1	2	-	7	36	6	3	3	3	-	1
Millbury	4,529	-	-	3	1	1	-	2	-	-	3	-	-	-	5	20	8	2	-	5	-	1
New Braintree	606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northborough	1,398	-	-	-	-	-	-	1	-	-	-	1	-	-	1	2	1	-	-	2	-	-
Northbridge	4,030	-	2	2	27	-	-	-	-	-	-	-	1	-	4	9	4	-	2	5	-	2
North Brookfield	3,749	-	-	-	3	-	4	3	1	-	1	2	-	-	3	14	6	-	2	1	-	-
Oakham	873	-	-	2	9	-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	-	-
Oxford	2,938	-	-	1	6	-	5	1	-	-	-	-	-	-	2	9	5	1	1	-	-	-
Paxton	600	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petersham	1,203	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	1	-	-	2	-	1
Phillipston	666	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Princeton	1,063	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	1	-	-	1	-	-
Royalston	1,260	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	4	-	-	-	-	-
Rutland	1,030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	-	1	-	-
Shrewsbury	1,524	-	-	-	-	-	-	2	-	-	-	-	-	-	1	2	4	-	1	2	-	-
Southborough	1,986	-	-	1	-	-	-	-	-	-	1	-	-	-	-	3	1	1	-	1	-	-
Southbridge	5,740	-	-	-	5	1	1	12	-	-	-	2	-	-	3	14	5	-	1	-	-	-
Spencer	5,451	-	4	-	61	-	1	5	-	-	1	2	1	-	9	21	11	2	-	1	-	-
Sterling	1,569	-	-	-	-	-	-	3	-	-	-	-	-	-	-	2	1	2	-	-	-	-
Sturbridge	2,213	-	-	-	3	-	-	4	-	-	1	1	-	-	1	5	7	-	-	-	-	1
Sutton	3,051	-	-	1	3	-	-	6	-	-	1	-	-	-	3	10	7	-	1	1	-	-
Templeton	2,764	-	-	4	-	1	2	-	-	-	-	-	-	-	1	4	1	-	-	2	-	-
Upton	2,125	-	-	3	-	-	-	1	-	-	-	-	1	-	1	5	-	-	1	1	-	-
Uxbridge	3,029	-	3	-	9	-	2	1	-	-	2	-	-	-	-	9	1	2	1	1	-	1
Warren	3,260	-	-	-	3	2	-	1	1	-	-	1	1	-	2	12	6	-	-	3	-	-
Webster	5,064	-	10	3	2	-	-	3	2	1	-	-	1	-	9	15	6	-	-	2	-	-
Westborough	5,141	-	-	-	6	-	-	3	-	-	1	-	1	1	4	16	2	1	1	2	-	-
West Boylston	2,902	-	-	-	1	-	-	-	-	-	1	-	-	-	5	10	8	-	-	1	-	-
West Brookfield	1,903	-	1	-	1	-	3	-	-	-	-	-	-	-	2	5	2	-	-	1	-	-
Westminster	1,712	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	1	-	-	-
Winchendon	3,762	-	-	1	1	-	-	2	-	-	-	-	-	1	1	8	4	-	-	1	1	-
Worcester	49,317	-	3	9	66	4	17	20	5	-	7	7	9	7	48	156	84	4	15	25	-	5

Digitized by Google

TABLE XIII. — OCCUPATIONS.

Distinguishing by Occupations (statistically classified) the Number, with their Average and Aggregate Ages, of Persons in the State (in two geographical divisions) whose Occupations were specified, and whose Deaths were registered, during the year 1878; also in the State (entire) during the period of Thirty-five Years and Eight Months, ending with December 31, 1878. [*This table includes only persons over twenty years of age.*]

OCCUPATIONS.	NINE EASTERN COUNTIES. 1878.			FIVE WESTERN COUNTIES. 1878.			WHOLE STATE. Thirty-five Yrs. and Eight Months. From May 1, 1843, to Dec. 31, 1878.		
	Number of Persons.	AGES. Aggregate.	AGES. Average.	Number of Persons.	AGES. Aggregate.	AGES. Average.	Number of Persons.	AGES. Aggregate.	AGES. Average.
ALL CLASSES AND OCCUPATIONS	4,685	253,464	54·10	1,689	94,584	56·00	172,317	8,814,538	51·15
I. CULTIVATORS OF THE EARTH	635	44,134	69·50	550	37,448	68·09	36,639	2,402,596	65·57
II. ACTIVE MECHANICS ABROAD	403	23,862	59·21	100	6,106	61·06	13,083	694,093	53·05
III. ACTIVE MECHANICS IN SHOPS	606	31,125	51·36	238	13,073	54·93	20,239	970,885	47·97
IV. INACTIVE MECHANICS IN SHOPS	614	30,394	49·50	185	8,498	45·94	20,695	919,897	44·45
V. LABORERS. — NO SPECIAL TRADES	875	46,264	52·87	234	12,566	53·70	33,252	1,593,227	47·91
VI. FACTORS LABORING ABROAD	211	9,641	45·69	53	2,414	45·55	8,136	304,696	37·45
VII. EMPLOYED ON THE OCEAN	313	16,400	52·40	3	189	63·00	10,127	477,466	47·15
VIII. MERCHANTS, FINANCIERS, AGENTS, &c.	710	35,333	49·76	142	7,019	49·43	19,573	960,336	49·06
IX. PROFESSIONAL MEN	200	11,232	56·16	48	2,527	52·65	6,177	316,721	51·27
X. FEMALES	118	5,079	43·04	136	4,744	34·88	4,396	174,621	39·72

Digitized by Google

I. Cultivators of the Earth	635	44,134	69·50	550	37,448	68·09	36,639	2,402,596	65·57
II. Active Mechanics Abroad	403	23,862	59·21	100	6,106	61·06	13,083	694,093	53·05
Brick-makers	7	451	64·43	2	90	45·00	123	5,927	48·11
Carpenters and joiners	207	12,223	59·05	70	4,429	63·27	7,375	396,596	53·78
Calkers and gravers	14	807	57·64	–	–	–	220	12,876	58·53
Masons	83	4,779	57·58	18	988	54·89	2,065	106,021	51·34
Millwrights	3	227	75·67	2	137	68·50	147	8,635	58·74
Riggers	11	608	55·27	–	–	–	191	10,211	53·46
Ship-carpenters	35	2,488	71·09	1	69	69·00	1,016	60,689	59·73
Slaters	2	124	62·00	–	–	–	108	4,374	40·50
Stone-cutters	32	1,577	49·28	5	258	51·60	1,233	57,641	46·75
Tanners	9	578	64·22	2	135	67·50	605	31,123	51·44
III. Active Mechanics in Shops	606	31,125	51·36	238	13,073	54·93	20,239	970,885	47·97
Bakers	22	1,137	51·68	4	148	37·00	566	26,972	47·65
Blacksmiths	80	4,449	55·61	25	1,710	68·40	2,829	152,358	53·86
Brewers	2	72	36·00	–	–	–	40	1,844	46·10
Cabinet-makers	39	2,011	51·56	7	431	61·57	945	46,803	49·53
Calico-printers	2	125	62·50	–	–	–	11	594	54·00
Card-makers	–	–	–	2	75	37·50	43	2,102	48·88
Carriage makers and trimmers	13	679	52·23	1	35	35·00	333	16,255	48·81
Chair-makers	2	71	35·50	5	307	61·40	161	6,976	43·33
Clothiers	1	66	66·00	–	–	–	94	5,323	56·63
Confectioners	8	364	45·50	1	53	53·00	102	4,481	43·93
Cooks	4	183	45·75	1	60	60·00	157	6,291	40·07
Coopers	30	1,941	64·70	5	386	77·20	1,054	62,654	59·44
Coppersmiths	1	59	59·00	2	86	43·00	117	5,389	46·06

Digitized by Google

TABLE XIII. — Continued.

OCCUPATIONS.	NINE EASTERN COUNTIES. 1878.			FIVE WESTERN COUNTIES. 1878.			WHOLE STATE. Thirty-five Yrs. and Eight Months. From May 1, 1843, to Dec. 31, 1878.		
	Number of Persons.	Ages. Aggregate.	Ages. Average.	Number of Persons.	Ages. Aggregate.	Ages. Average.	Number of Persons.	Ages. Aggregate.	Ages. Average.
Curriers	43	1,944	45·21	5	330	66·00	545	24,272	44·54
Cutlers	–	–	–	5	170	34·00	150	5,977	39·85
Distillers	1	65	65·00	–	–	–	31	1,808	58·32
Dyers	8	403	50·37	5	269	53·80	180	8,274	45·97
Founders	17	970	57·06	4	160	40·00	454	19,666	43·32
Furnace-men	1	53	53·00	–	–	–	151	6,775	44·87
Glass-blowers or glass-makers	6	270	45·00	1	73	–	154	5,980	38·83
Gunsmiths	2	77	38·50	6	287	47·83	265	12,991	49·02
Hatters	11	535	48·64	1	65	65·00	418	22,717	54·35
Leather-dressers	11	526	47·82	1	27	27·00	225	10,630	47·24
Machinists	73	3,018	41·34	40	2,239	55·98	2,590	108,823	42·02
Millers	4	226	56·50	1	67	67·00	305	17,440	57·18
Musical-instrument makers	2	116	58·00	1	31	31·00	50	2,427	48·54
Nail-makers	8	497	62·12	–	–	–	203	8,828	43·49
Pail and tub makers	–	–	–	–	–	–	5	183	36·60
Painters	81	3,730	46·05	23	1,186	51·57	2,411	108,638	45·06
Paper-makers	5	329	65·80	9	438	48·67	347	16,971	48·91
Piano-forte makers	3	189	63·00	–	–	–	134	6,011	44·86
Plumbers	10	407	40·70	2	91	45·50	181	6,492	35·87
Potters	3	158	52·67	–	–	–	47	2,614	55·62
Pump and block makers	6	390	65·00	–	–	–	105	6,008	57·22
Reed-makers	–	–	–	–	–	–	12	522	43·50
Rope-makers	12	809	67·42	–	–	–	285	16,556	58·09
Tallow-chandlers	1	42	42·00	–	–	–	81	4,538	56·02

Digitized by Google

Tinsmiths	12	582	48·50	3	155	51·67	456	19,096	41·88
Trunk-makers	4	213	53·25	–	–	–	58	2,327	40·12
Upholsterers	15	678	45·20	3	162	54·00	169	6,706	39·68
Weavers	12	692	57·67	9	306	34·00	620	27,555	44·44
Wheelwrights	14	987	70·50	6	478	79·67	576	33,508	58·17
Wood-turners	2	110	55·00	1	70	70·00	97	5,069	52 26
Mechanics (trade not specified)	35	1,952	55·77	59	3,178	53·86	2,482	113,441	45·71
IV. Inactive Mechanics in Shops	614	30,394	49·50	185	8,498	45·94	20,695	919,897	44·45
Barbers	32	1,151	35·97	8	231	28·87	526	20,513	39·00
Basket-makers	–	–	–	–	–	–	85	5,214	61·34
Bookbinders	12	608	50 67	1	75	75·00	185	7,667	41·44
Brush-makers	3	156	52·00	–	–	–	63	2,734	43·40
Carvers	3	174	58 00	–	–	–	109	3,900	35·78
Cigar-makers	7	303	43·29	5	209	41·80	204	8,046	39·44
Clock and watch makers	3	142	47·33	–	–	–	133	6,909	51·95
Comb-makers	1	80	80·00	3	169	56·33	159	8,152	51·27
Engravers	–	–	–	1	24	24·00	144	5,771	40·08
Glass-cutters	7	391	55·86	–	–	–	97	4,320	44·54
Harness-makers	18	1,036	57·56	5	316	63·20	506	24,909	49·23
Jewellers	14	700	50·00	1	35	35·00	541	22,179	41 00
Operatives	42	2,117	50·40	43	1,736	40·37	2,724	109,469	40·19
Printers	47	2,097	44·62	5	148	29·60	886	34,858	39·34
Sail-makers	16	933	58·31	1	75	75·00	261	14,056	53 85
Shoe-cutters	28	1,392	49·71	1	72	72·00	488	22,124	45·33
Shoemakers	314	15,496	49·35	94	4,555	48·46	11,477	517,764	45·11
Silversmiths or goldsmiths	4	258	64·50	–	–	–	101	4,789	47 42
Tailors	60	3,233	53 88	10	490	49·00	1,664	80,431	48·34
Tobacconists	–	–	–	–	–	–	50	2,519	50·38
Whip-makers	–	–	–	3	155	51·67	112	4,917	43 90
Wool-sorters	3	127	42·33	4	208	52·00	180	8,656	48·09

Digitized by Google

TABLE XIII. — Continued.

OCCUPATIONS.	NINE EASTERN COUNTIES. 1878.			FIVE WESTERN COUNTIES. 1878.			WHOLE STATE. Thirty-five Yrs. and Eight Months. From May 1, 1843, to Dec. 31, 1878.		
	Number of Persons.	Ages. Aggregate.	Ages. Average.	Number of Persons.	Ages. Aggregate.	Ages. Average.	Number of Persons.	Ages. Aggregate.	Ages. Average.
V. Laborers — *No Special Trades*	875	46,264	52·87	234	12,566	53·70	33,252	1,593,227	47·91
Laborers	840	44,613	53·11	228	12,257	53·76	32,416	1,556,184	48·01
Servants	19	794	41·79	–	–	–	466	18,340	39 36
Stevedores	4	189	47·25	–	–	–	90	4,790	53·22
Watchmen	10	615	61·50	5	250	50 00	255	12,957	50·81
Workmen in powder-mills	2	53	26 50	1	59	59·00	25	956	38·24
VI. Factors laboring abroad, &c.	211	9,641	45·69	53	2,414	45·55	8,136	304,696	37·45
Baggage-masters	3	115	38·33	1	44	44·00	49	1,761	35·94
Brakemen	6	172	28·67	3	82	27·33	303	8.078	26·66
Butchers	30	1,457	48·57	14	598	42·72	663	33,615	50·70
Chimney-sweepers	–	–	–	–	–	–	4	138	34·50
Drivers	26	1,181	45·42	–	–	–	432	17,046	39·46
Drovers	3	78	26·00	–	–	–	26	1,349	51·88
Engineers and firemen	23	1,042	45·30	8	330	41·25	719	28,073	39·04
Expressmen	16	706	44 12	3	149	49·67	297	12,667	42 65
Ferrymen	–	–	–	–	–	–	10	533	53·30
Light-house keepers	1	76	76·00	–	–	–	15	957	63·80
Peddlers	16	877	54·81	4	225	56·25	523	24,583	47·00
Sextons	2	106	53 00	1	66	66 00	99	5,883	59·43
Soldiers	6	201	33·50	–	–	–	2,897	82,286	28·40

Digitized by Google

Stablers	13	624	48·00	5	178	35 60	423	18,218	43 07
Teamsters	66	3,006	45·55	14	742	53·00	1,623	66,555	41·01
Weighers and gaugers	–	–	–	–	–	–	28	1,673	59·75
Wharfingers	–	–	–	–	–	–	25	1,281	51·24
VII. Employed on the Ocean	313	16,400	52·40	3	189	63·00	10,127	477,466	47·15
Fishermen	48	2,018	42·04	–	–	–	596	25,376	42·58
Marines	–	–	–	–	–	–	7	308	44·00
Naval Officers	2	90	45·00	–	–	–	70	3,578	51·11
Pilots	2	143	71·50	1	81	81·00	91	5,528	60·75
Seamen	261	14,149	54·21	2	108	54·00	9,363	442,676	47·28
VIII. Merchants, Financiers, Agents, &c.	710	35,333	49·76	142	7,019	49·43	19,573	960,336	49·06
Agents	14	859	61·36	6	366	61·00	490	23,705	48·38
Bankers	3	160	53 33	1	60	60 00	68	4,013	59·01
Bank-officers	4	256	64·00	2	108	54 00	182	10,183	55·95
Boarding-house keepers	5	252	50 40	1	69	69·00	96	4,648	48 83
Booksellers	1	35	35·00	–	–	–	83	4,392	52·91
Brokers	10	510	51·00	2	139	69·50	255	12,954	50 80
Clerks and book-keepers	194	6,926	35·70	32	1,232	38 50	4,399	158,185	35·96
Druggists and apothecaries	15	718	47·87	3	104	34·67	331	13,983	42·24
Gentlemen	22	1,592	72·36	8	538	67·25	1,675	114,770	68·52
Grocers	34	1,529	44·97	2	77	38·50	675	32,115	47·57
Inn-keepers	16	795	49·69	9	503	55·89	547	27,506	50·29
Manufacturers	37	2,230	60·27	15	839	55·93	1,645	86,608	52·65
Merchants	149	8,993	60·36	27	1,426	52 81	4,689	257,016	54·81
News dealers or carriers	2	123	61·50	–	–	–	40	1,727	43·17
Railroad agents or conductors	16	701	43·81	4	148	37·00	378	15,360	40·63
Saloon and restaurant keepers	39	1,504	38·56	7	309	44·14	438	17,938	40·95

Digitized by Google

TABLE XIII. — Concluded.

OCCUPATIONS.	NINE EASTERN COUNTIES. 1878.			FIVE WESTERN COUNTIES. 1878.			WHOLE STATE. Thirty-five Yrs. and Eight Months. From May 1, 1843, to Dec. 31, 1878.		
	Number of Persons.	AGES.		Number of Persons.	AGES.		Number of Persons.	AGES.	
		Aggregate.	Average.		Aggregate.	Average.		Aggregate.	Average.
Stove-dealers	1	41	41·00	–	–	–	17	766	45 06
Telegraphers	1	36	36·00	2	50	25 00	15	430	28·67
Traders	147	8,073	54·92	21	1,051	50·05	3,550	174,037	49·02
IX. PROFESSIONAL MEN	200	11,232	56·16	48	2,527	51·27	6,177	316,721	51·27
Architects	–	–	–	1	30	30·00	36	1,655	45 97
Artists	6	286	47·67	–	–	–	217	9,702	44·71
Civil engineers	4	159	39 75	2	67	33·50	144	6,081	42·23
Clergymen	36	2,397	66·58	10	652	65·20	1,162	69,103	59·47
Comedians	3	164	54·67	–	–	–	44	1,759	39·98
Dentists	3	162	54·00	4	205	51·25	137	5,894	43·02
Editors and reporters	13	598	46 00	2	94	47 00	132	6,127	46·42
Judges and justices	1	77	77·00	1	67	67·00	26	1,685	64·81
Lawyers	22	1,283	58·32	6	330	55 00	799	44,919	56·22
Musicians	11	594	54·00	–	–	–	315	13,370	42 44
Photographers	2	95	47·50	–	–	–	22	980	44·54
Physicians	38	2,237	58·87	10	480	48·00	1,361	75,561	55 52
Professors	1	68	68·00	–	–	–	54	3,125	57·87
Public officers	17	1,071	63·00	3	144	48·00	496	27,535	55·51
Sheriffs, constables, and policemen	16	928	58·00	3	125	41·67	228	12,147	53 28
Students	14	339	24·22	2	50	25·00	351	8,158	23·24
Surveyors	3	199	66·33	–	–	–	100	5,204	52·04
Teachers	10	575	57·50	4	283	70·75	553	23,716	42 89

Digitized by Google

X. Females	118	5,079	43·04	136	4,744	34·88	4,396	174,621	39·72
Domestics	35	1,659	47·40	13	491	37·77	1,250	56,814	45·45
Dressmakers	6	255	42·50	7	250	35·71	341	14,618	42 87
Milliners	2	121	60·50	3	157	52·33	165	6,527	39·56
Nurses	6	338	56·33	5	276	55·20	153	9,446	61·74
Operatives	20	766	38·80	72	2,087	28·99	1,066	30,313	28·44
Seamstresses	12	558	46·50	12	589	49 08	360	16,894	46·90
Shoe-binders	4	106	26·50	–	–	–	61	2,476	40·59
Straw-workers	1	20	20·00	2	61	30 50	86	3,107	36 13
Tailoresses	3	156	52·00	4	227	56·75	279	13,865	49·70
Teachers	29	1,100	37·93	18	606	33 67	626	20,338	32·49
Telegraphers	–	–	–	–	–	–	9	223	24 78

Digitized by Google

TABLE XIV.—GENERAL ABSTRACT FOR THE FOURTEEN YEARS—1865–78.

Exhibiting the Number of Births, Marriages, and Deaths, registered in the several Counties and Towns of Massachusetts for the Fourteen Years 1865–78, distinguishing the Sex of Children born and of Persons who died in each Town; and the average age of those deceased in each County, during the period specified.

The State and Counties.	Births.				Marriages.	Deaths.				Average Ages for 14 Years, 1865–78.
	Persons.	Sex.			Couples.	Persons.	Sex.			
		Males.	Fem.	Unk.			Males.	Fem.	Unk.	
MASSACHUSETTS	552,360	283,743	268,122	495	201,285	411,117	204,764	205,852	501	29·82
Barnstable	9,563	4,956	4,579	28	4,283	7,670	3,936	3,690	44	40·30
Berkshire	22,248	11,492	10,726	30	7,224	14,605	7,304	7,251	50	33·93
Bristol	39,848	20,583	19,202	63	15,094	30,781	15,380	15,363	38	30·83
Dukes	840	428	406	6	472	969	533	433	3	48·22
Essex	71,604	36,987	34,551	66	28,113	55,145	27,292	27,776	77	29·96
Franklin	9,082	4,671	4,395	16	3,817	7,588	3,654	3,911	23	40·18
Hampden	30,569	15,567	14,972	30	11,725	22,355	11,098	11,223	34	27·20
Hampshire	13,906	7,236	6,661	9	5,352	10,738	5,171	5,544	23	35·84
Middlesex	91,844	47,239	44,527	78	31,711	67,742	33,179	34,510	53	29·07
Nantucket	812	438	373	1	499	1,427	681	746	–	50·54
Norfolk	27,995	14,345	13,604	46	8,560	18,793	9,371	9,406	16	32·55
Plymouth	20,604	10,735	9,839	30	7,873	16,254	8,105	8,105	44	38·86
Suffolk	141,937	72,206	69,708	23	52,349	107,594	54,424	53,137	33	24·45
Worcester	71,508	36,860	34,579	69	24,213	49,456	24,636	24,757	63	31·43

Digitized by Google

Table XIV. — Continued.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Barnstable County	9,563	4,956	4,579	28	4,283	7,670	3,936	3,690	44
Barnstable	998	459	518	11	568	900	423	473	4
Brewster	345	189	156	–	162	308	151	156	1
Chatham	720	363	357	–	306	570	293	276	1
Dennis	1,038	531	507	–	478	788	408	377	3
Eastham	165	93	72	–	66	158	88	70	–
Falmouth	490	254	235	1	247	567	296	270	1
Harwich	1,071	561	508	2	543	670	339	312	19
Mashpee*	79	42	37	–	26	70	32	38	–
Orleans	346	171	175	–	202	427	213	214	–
Provincetown	1,596	849	745	2	638	958	538	418	2
Sandwich	1,104	586	518	–	421	869	474	394	1
Truro	407	201	206	–	134	304	160	144	–
Wellfleet	612	311	289	12	260	508	256	247	5
Yarmouth	602	346	256	–	232	573	265	301	7
Berkshire County	22,248	11,492	10,726	30	7,224	14,605	7,304	7,251	50
Adams	4,773	2,482	2,284	7	1,650	2,947	1,514	1,430	3
Alford	116	51	65	–	36	115	52	63	–
Becket	342	175	164	3	116	246	98	146	2
Cheshire	532	281	250	1	181	323	163	157	3
Clarksburg	207	105	102	–	37	112	65	47	–
Dalton	530	260	270	–	149	359	174	183	2
Egremont	185	90	95	–	104	175	98	77	–
Florida	431	217	211	3	54	257	160	93	4
Great Barrington	1,357	710	646	1	515	965	435	528	2
Hancock	167	87	80	–	43	122	60	62	–
Hinsdale	725	358	367	–	236	423	211	212	–
Lanesborough	565	302	260	3	128	261	135	125	1
Lee	1,364	697	667	–	511	1,120	546	574	–
Lenox	772	419	353	–	135	334	171	161	2
Monterey	160	70	89	1	73	157	77	80	–
Mount Washington	40	19	21	–	20	40	23	17	–
New Ashford	52	26	26	–	15	24	16	8	–
New Marlborough	674	364	310	–	149	370	194	176	–
North Adams†	166	72	94	–	62	98	47	49	2
Otis	167	100	67	–	106	190	97	93	–
Peru	112	58	54	–	39	114	49	64	1
Pittsfield	4,320	2,221	2,097	2	1,395	2,751	1,375	1,363	13
Richmond	318	144	174	–	55	154	83	70	1
Sandisfield	263	131	132	–	148	230	119	111	–
Savoy	227	122	105	–	102	176	84	92	–
Sheffield	828	461	365	2	280	600	287	312	1
Stockbridge	461	252	207	2	221	376	195	181	–
Tyringham	230	108	122	–	69	145	64	80	1
Washington	118	56	62	–	42	106	52	54	–
West Stockbridge	767	397	369	1	178	456	229	225	2
Williamstown	1,102	581	517	4	290	732	367	355	10
Windsor	147	76	71	–	85	127	64	63	–
Bristol County	39,848	20,583	19,202	63	15,094	30,781	15,380	15,363	38
Amherst	290	155	135	–	127	248	120	127	1
Attleborough	3,586	1,849	1,729	8	887	1,883	947	934	2
Berkley	132	65	67	–	88	161	81	79	1
Dartmouth	975	506	469	–	354	845	423	422	–
Dighton	611	292	311	8	240	419	182	234	3
Easton	1,392	756	636	–	287	796	398	397	1
Fairhaven	571	298	273	–	285	680	309	366	5
Fall River	14,243	7,350	6,871	22	5,185	11,083	5,594	5,487	2
Freetown	295	154	138	3	144	270	145	120	5
Mansfield	796	391	405	–	221	608	297	311	–
New Bedford	6,732	3,376	3,354	2	3,710	6,227	3,054	3,164	9
Norton	403	216	186	1	151	337	155	182	–
Raynham	528	271	257	–	170	350	190	160	–
Rehoboth	446	233	213	–	205	418	201	217	–
Seekonk	243	137	105	1	80	214	121	193	–
Somerset	815	435	380	–	185	520	269	250	1
Swanzey	372	205	167	–	140	334	180	154	–
Taunton	6,589	3,461	3,115	13	2,350	4,807	2,408	2,391	8
Westport	829	433	391	5	285	581	306	275	–

* Nine years only. † One year only.

Digitized by Google

TABLE XIV. — Continued.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Dukes County	840	428	406	6	472	969	533	433	3
Chilmark	125	60	62	3	68	86	47	38	1
Edgartown	362	176	183	3	226	423	215	208	–
Gay Head	42	27	15	–	11	45	25	18	2
Gosnold	19	6	13	–	10	23	15	8	–
Tisbury	292	159	133	–	157	392	231	161	–
Essex County	71,604	36,987	34,551	66	28,113	55,145	27,292	27,776	77
Amesbury	1,966	999	959	8	597	1,274	619	651	4
Andover	1,473	755	718	–	511	1,245	596	648	1
Beverly	2,181	1,133	1,047	1	856	1,587	767	820	–
Boxford	205	102	103	–	88	181	91	90	–
Bradford	579	291	287	1	176	460	208	251	1
Danvers	1,956	1,017	933	6	683	1,389	682	699	8
Essex	403	198	200	5	160	383	191	191	1
Georgetown	466	244	222	–	199	415	209	206	–
Gloucester	7,295	3,579	3,527	9	2,436	5,204	3,105	2,092	7
Groveland	622	295	327	–	184	436	219	214	3
Hamilton	191	94	97	–	82	169	95	72	2
Haverhill	4,665	2,413	2,249	3	2,257	3,148	1,499	1,638	11
Ipswich	902	463	438	1	426	946	459	486	1
Lawrence	12,353	6,359	5,989	5	5,233	8,782	4,211	4,563	8
Lynn	10,044	5,172	4,860	12	4,370	7,771	3,729	4,033	9
Lynnfield	201	100	101	–	90	168	84	84	–
Manchester	489	268	221	–	167	406	188	218	–
Marblehead	2,932	1,549	1,383	–	967	2,298	1,196	1,102	–
Merrimac	129	72	57	–	40	102	58	44	–
Methuen	1,049	519	530	–	422	786	394	391	1
Middleton	258	133	125	–	107	208	93	115	–
Nahant	217	108	109	–	34	95	53	42	–
Newbury	432	223	208	1	132	321	147	174	–
Newburyport	4,268	2,308	1,956	4	1,872	3,533	1,691	1,838	4
North Andover	978	507	470	1	285	611	311	298	2
Peabody	3,219	1,639	1,580	–	675	1,941	921	1,020	–
Rockport	1,622	816	803	3	622	1,095	569	525	1
Rowley	323	164	158	1	133	303	155	148	–
Salem	6,538	3,371	3,166	1	3,018	7,090	3,386	3,694	10
Salisbury	1,357	687	669	1	511	1,007	481	526	–
Saugus	566	290	273	3	218	487	245	241	1
Swampscott	660	365	295	–	170	411	209	200	2
Topsfield	308	180	128	–	122	244	122	122	–
Wenham	264	123	141	–	108	204	91	113	–
West Newbury	493	271	222	–	162	445	218	227	–
Franklin County	9,082	4,671	4,395	16	3,817	7,588	3,654	3,911	23
Ashfield	254	140	113	1	99	214	94	120	–
Bernardston	258	127	131	–	138	209	104	105	–
Buckland	690	346	343	1	198	496	256	240	–
Charlemont	185	103	82	–	116	218	107	110	1
Colerain	414	206	208	–	219	334	153	181	–
Conway	443	245	198	–	174	410	190	220	–
Deerfield	1,278	662	610	6	286	805	394	405	6
Erving	123	63	60	–	65	140	78	62	–
Gill	103	59	44	–	57	137	72	64	1
Greenfield	1,086	543	542	1	559	820	377	442	1
Hawley	175	94	80	1	49	129	62	65	2
Heath	137	68	69	–	71	99	42	56	1
Leverett	175	93	82	–	96	179	90	88	1
Leyden	146	62	84	–	57	103	50	52	1
Monroe	47	27	20	–	28	34	17	17	–
Montague	985	505	479	1	320	701	362	339	–
New Salem	260	148	111	1	124	226	108	118	–
Northfield	384	192	200	2	157	392	193	198	1
Orange	480	239	241	–	316	532	255	273	4
Rowe	116	66	50	–	50	116	53	63	–
Shelburne	382	198	183	1	176	390	177	210	3
Shutesbury	135	65	70	–	84	153	66	87	–
Sunderland	218	114	104	–	75	210	89	121	–
Warwick	196	103	93	–	106	194	93	100	1
Wendell	100	45	55	–	85	120	65	55	–
Whately	302	158	143	1	112	227	107	120	–

Digitized by Google

TABLE XIV. — Continued.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Hampden County	30,569	15,567	14,972	30	11,725	22,355	11,098	11,223	34
Agawam	771	383	385	3	184	467	244	220	3
Blandford	287	137	150	–	103	257	119	138	–
Brimfield	308	146	159	3	111	289	144	145	–
Chester	354	182	172	–	130	216	112	104	–
Chicopee	3,607	1,834	1,772	1	1,436	2,823	1,378	1,445	–
Granville	332	162	169	1	130	273	126	146	1
Hampden *	11	6	5	–	6	7	3	4	–
Holland	95	51	42	2	29	82	34	47	1
Holyoke	5,728	2,963	2,763	2	2,351	4,282	2,108	2,173	1
Longmeadow	418	222	196	–	140	331	148	183	–
Ludlow	371	183	186	2	141	274	138	133	3
Monson	837	435	401	1	273	642	325	316	1
(*State Primary School*)	174	87	87	–	–	469	283	186	–
Montgomery	100	52	48	–	33	79	42	37	–
Palmer	1,516	750	765	1	740	932	465	466	1
Russell	228	120	107	1	85	163	87	74	2
Southwick	277	137	140	–	128	241	125	113	3
Springfield	10,432	5,246	5,183	3	4,121	7,281	3,589	3,683	9
Tolland	133	79	53	1	49	88	47	37	4
Wales	230	127	103	–	120	168	77	91	–
Westfield	2,555	1,344	1,202	9	962	1,774	878	892	4
West Springfield	1,170	570	600	–	240	751	374	377	–
Wilbraham	635	351	284	–	213	466	252	213	1
Hampshire County	13,906	7,236	6,661	9	5,352	10,738	5,171	5,544	23
Amherst	1,108	575	533	–	416	862	420	442	–
Belchertown	659	327	332	–	265	519	247	268	4
Chesterfield	198	110	88	–	96	185	102	83	–
Cummington	248	129	119	–	104	206	91	115	–
Easthampton	1,165	615	549	1	393	856	391	460	5
Enfield	297	163	134	–	165	244	104	140	–
Goshen	94	50	43	1	34	91	48	43	–
Granby	234	116	118	–	72	182	79	103	–
Greenwich	123	65	58	–	67	183	94	87	2
Hadley	746	369	377	–	195	549	275	274	–
Hatfield	751	373	378	–	116	377	176	201	–
Huntington	274	145	129	–	144	289	143	145	1
Middlefield	200	101	99	–	54	145	70	74	1
Northampton	3,808	2,037	1,765	6	1,613	2,731	1,369	1,360	2
Pelham	88	42	46	–	91	130	71	59	–
Plainfield	113	55	57	1	55	101	46	55	–
Prescott	117	57	60	–	72	104	48	56	–
South Hadley	978	519	459	–	331	643	323	316	4
Southampton	350	183	167	–	126	278	122	156	–
Ware	1,272	651	621	–	571	1,214	581	630	3
Westhampton	211	105	106	–	49	166	76	90	–
Williamsburg	655	327	328	–	221	483	217	265	1
Worthington	217	122	95	–	102	200	78	122	–
Middlesex County	91,844	47,239	44,527	78	31,711	67,742	33,179	34,510	53
Acton	456	245	210	1	166	410	193	217	–
Arlington	1,330	681	649	–	362	963	502	461	–
Ashby	185	93	91	1	97	267	120	146	1
Ashland	758	407	348	3	268	525	270	254	1
Ayer	433	210	223	–	131	255	143	112	–
Bedford	229	135	92	2	74	205	108	96	1
Belmont	609	303	306	–	137	351	174	174	3
Billerica	454	221	233	–	165	448	227	221	–
Boxborough	77	32	45	–	35	70	27	43	–
Burlington	144	83	61	–	53	135	67	67	1
Cambridge	17,123	8,700	8,416	7	5,380	11,729	5,776	5,940	13
Carlisle	124	70	54	–	60	150	59	91	–
Chelmsford	732	380	352	–	207	513	225	288	–
Concord	785	424	351	10	341	554	300	254	–
Dracut	458	223	235	–	121	371	166	204	1
Dunstable	75	35	40	–	36	95	38	57	–
Everett	737	385	352	–	175	479	222	255	2
Framingham	1,619	834	785	–	671	1,142	542	600	–
Groton	775	382	392	1	339	595	296	299	–
Holliston	949	493	454	2	391	749	372	377	–
Hopkinton	1,584	798	784	2	409	936	458	477	1

* One year only.

Digitized by Google

TABLE XIV. — Continued.

Counties and Towns.	Births. Persons.	Births. Sex. Males.	Births. Sex. Fem.	Births. Sex. Unk.	Marriages. Couples.	Deaths. Persons.	Deaths. Sex. Males.	Deaths. Sex. Fem.	Deaths. Sex. Unk.
Middlesex County — Con.									
Hudson	1,168	596	571	1	369	690	329	361	–
Lexington	533	282	251	–	228	611	276	335	–
Lincoln	227	122	105	–	44	138	74	64	–
Littleton	221	122	98	1	81	236	108	126	2
Lowell	14,809	7,703	7,104	2	7,991	13,240	6,195	7,043	2
Malden	3,223	1,645	1,577	1	987	1,972	962	1,007	3
Marlborough	4,390	2,270	2,119	1	1,014	2,047	1,019	1,028	2
Maynard	419	231	188	–	83	205	120	85	–
Medford	1,564	807	752	5	672	1,344	642	702	–
Melrose	1,119	584	534	1	372	778	364	411	3
Natick	3,050	1,543	1,498	9	790	1,629	814	815	–
Newton	4,261	2,157	2,103	1	1,336	2,408	1,164	1,242	2
North Reading	274	136	138	–	113	228	107	121	–
Pepperell	556	284	272	–	233	512	259	252	1
Reading	688	349	339	–	300	627	303	324	–
Sherborn	276	140	133	3	115	259	112	144	3
Shirley	305	150	155	–	145	304	140	164	–
Somerville	7,750	3,967	3,777	6	1,430	4,824	2,367	2,455	2
Stoneham	1,393	717	676	–	478	955	463	492	–
Stow	396	205	191	–	142	274	143	130	1
Sudbury	440	221	219	–	118	307	134	173	–
Tewksbury	266	136	130	–	108	239	119	120	–
(*State Almshouse*)	810	406	404	–	–	3,880	2,189	1,691	–
Townsend	583	311	272	–	257	544	269	275	–
Tyngsborough	117	64	53	–	65	180	91	89	–
Wakefield	1,595	813	779	3	646	1,153	581	570	2
Waltham	3,639	1,924	1,712	3	1,373	2,229	1,064	1,161	4
Watertown	1,682	871	807	4	714	1,037	483	553	1
Wayland	484	245	239	–	160	344	178	166	–
Westford	598	297	295	6	194	438	213	224	1
Weston	289	144	145	–	110	252	120	132	–
Wilmington	227	111	115	1	108	215	105	110	–
Winchester	1,015	545	470	–	306	552	282	270	–
Woburn	3,841	2,007	1,833	1	1,011	2,149	1,107	1,042	–
NANTUCKET COUNTY	812	438	373	1	499	1,427	681	746	–
NORFOLK COUNTY	27,995	14,345	13,604	46	8,560	18,793	9,371	9,406	16
Bellingham	359	183	175	1	130	274	140	132	2
Braintree	1,236	614	618	4	397	921	466	455	–
Brookline	2,840	1,459	1,373	8	807	1,488	714	774	–
Canton	1,200	623	575	2	371	819	392	426	1
Cohasset	682	348	334	–	236	508	247	261	–
Dedham	2,417	1,270	1,143	4	710	1,475	740	734	1
Dover	129	73	56	–	60	137	69	68	–
Foxborough	647	318	326	3	307	595	281	313	1
Franklin	756	377	379	–	272	607	285	319	3
Holbrook	314	160	154	–	106	192	96	96	–
Hyde Park	1,814	909	902	3	462	1,028	507	520	1
Medfield	270	137	133	–	121	239	106	133	–
Medway	1,103	556	546	1	372	850	418	432	–
Milton	903	486	416	1	317	582	292	290	–
Needham	1,423	709	712	2	394	857	434	423	–
Norfolk	250	122	128	–	53	148	75	73	–
Norwood	337	186	151	–	70	215	113	101	1
Quincy	2,789	1,427	1,358	4	858	2.039	1,083	956	–
Randolph	1 692	865	826	1	488	1,238	608	626	4
Sharon	363	180	180	3	135	379	194	185	–
Stoughton	1,666	889	777	–	480	1,126	563	561	2
Walpole	634	327	305	2	212	497	251	246	–
Weymouth	3,566	1,838	1,724	4	967	2,000	1,017	983	–
Wrentham	605	289	313	3	235	579	280	299	–
PLYMOUTH COUNTY	20,604	10,735	9,839	30	7,873	16,254	8,105	8,105	44
Abington	2,623	1,363	1,260	–	873	1,455	733	712	10
Bridgewater	1,025	562	460	3	377	673	353	318	2
(*State Workhouse*)	509	265	244	–	–	986	575	410	1
Brockton	3,252	1,665	1,583	4	1,248	2,060	1,019	1,028	13
Carver	295	162	133	–	127	248	139	109	–
Duxbury	552	361	248	3	228	525	268	253	4
East Bridgewater	726	362	364	–	348	671	350	320	1

Digitized by Google

TABLE XIV. — Continued.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Plymouth County — Con.									
Halifax	139	67	72	–	72	145	61	83	1
Hanover	525	261	264	–	212	433	221	210	2
Hanson	330	165	165	–	147	254	137	117	–
Hingham	1,289	685	598	6	479	1,105	515	588	2
Hull	65	35	28	2	16	77	51	26	–
Kingston	359	178	180	1	156	368	160	208	–
Lakeville	287	135	152	–	104	225	103	122	–
Marion	237	107	130	–	111	234	117	117	–
Marshfield	389	198	189	2	172	393	182	209	2
Mattapoisett	261	126	134	1	179	359	180	178	1
Middleborough	1,229	635	594	–	573	1,016	486	529	1
Pembroke	374	196	178	–	161	339	164	174	1
Plymouth	2,230	1,154	1,071	5	840	1,688	805	883	–
Plympton	185	97	88	–	106	208	105	102	1
Rochester	284	143	141	–	133	245	123	122	–
Rockland	453	261	192	–	116	309	163	145	1
Scituate	714	396	317	1	261	607	316	291	–
South Abington	206	118	88	–	76	156	83	73	–
South Scituate	428	234	192	2	213	409	179	229	1
Wareham	1,189	634	555	–	399	711	354	357	–
West Bridgewater	449	230	219	–	146	355	163	192	–
SUFFOLK COUNTY	141,937	72,206	69,708	23	52,349	107,594	54,424	53,137	33
Boston	134,596	68,562	66,010	14	49,631	102,485	51,873	50,596	16
Chelsea	6,770	3,351	3,412	7	2,560	4,788	2,388	2,376	14
Revere	392	200	190	2	75	228	109	117	2
Winthrop	189	93	96	–	53	93	44	48	1
WORCESTER COUNTY	71,508	36,860	34,579	69	24,213	49,456	24,636	24,757	63
Ashburnham	629	325	302	2	286	536	281	255	–
Athol	866	479	387	–	543	848	419	429	–
Auburn	313	155	158	–	108	207	105	102	–
Barre	601	315	286	–	282	636	313	322	1
Berlin	304	158	146	–	120	230	105	123	2
Blackstone	1,896	985	906	5	640	1,125	567	555	3
Bolton	267	123	144	–	103	291	137	154	–
Boylston	228	126	102	–	82	199	100	99	–
Brookfield	836	400	436	–	303	552	266	286	–
Charlton	376	222	154	–	175	389	176	212	1
Clinton	2,440	1,280	1,155	5	825	1,350	649	699	2
Dana	156	77	79	–	103	168	80	87	1
Douglas	1,071	560	511	–	289	600	294	304	2
Dudley	1,062	537	525	–	134	706	350	354	2
Fitchburg	3,774	1,893	1,880	–	1,544	2,675	1,349	1,326	–
Gardner	1,211	649	562	–	401	688	341	347	–
Grafton	1,292	669	621	2	455	848	409	437	2
Hardwick	641	335	306	–	244	284	129	155	–
Harvard	256	122	134	–	90	327	142	185	–
Holden	604	298	303	3	242	487	235	252	–
Hubbardston	322	173	149	–	167	362	170	189	3
Lancaster	346	163	182	1	198	364	184	180	–
Leicester	905	457	448	–	242	674	367	307	–
Leominster	1,501	763	734	4	371	1,085	516	569	–
Lunenburg	231	134	97	–	109	290	145	145	–
Mendon	408	220	188	–	106	264	119	144	1
Milford	4,021	2,062	1,959	–	1,093	2,760	1,388	1,371	1
Millbury	1,569	1,000	568	1	575	1,201	617	582	2
New Braintree	133	77	53	3	62	126	63	62	1
Northborough	432	207	225	–	139	343	161	182	–
Northbridge	1,358	697	661	–	417	779	393	386	–
North Brookfield	1,518	795	723	–	417	927	481	444	2
Oakham	198	105	93	–	84	213	103	109	1
Oxford	827	427	400	–	266	676	322	353	1
Paxton	114	53	61	–	54	158	79	79	–
Petersham	265	138	127	–	141	298	152	146	–
Phillipston	157	83	73	1	86	145	64	81	–
Princeton	243	123	120	–	116	296	136	160	–
Royalston	269	143	121	5	162	338	149	189	–
Rutland	298	153	145	–	103	249	119	130	–
Shrewsbury	507	279	227	1	153	414	217	197	–
Southborough	603	317	286	–	200	420	201	219	–
Southbridge	2,277	1,174	1,103	–	836	1,435	677	756	2

Digitized by Google

TABLE XIV. — Concluded.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Worcester County — Con.									
Spencer	2,655	1,350	1,301	4	454	1,334	668	659	7
Sterling	383	192	189	2	151	373	168	202	3
Sturbridge	460	243	216	1	237	440	224	216	–
Sutton	994	529	463	2	352	615	328	283	4
Templeton	848	463	385	–	323	594	291	303	–
Upton	595	295	300	–	211	417	200	217	–
Uxbridge	961	480	479	2	333	611	301	310	–
Warren	1,043	554	489	–	362	620	303	317	–
Webster	2,183	1,130	1,053	–	876	1,145	597	546	2
Westborough	1,473	749	723	–	416	938	476	462	–
West Boylston	1,182	575	607	–	385	689	339	350	–
West Brookfield	591	312	279	–	192	439	228	209	2
Westminster	395	190	205	–	191	421	195	226	–
Winchendon	1,036	549	471	16	456	864	434	423	7
Worcester	18,984	9,798	9,179	7	6,208	12,993	6,614	6,371	8

Digitized by Google

TABLE XV. — BIRTHS. — FOURTEEN YEARS — 1865–78.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the Fourteen Years, 1865–78, also, for the entire State, the Percentage of the Numbers in each Month (distinguishing Sex) to the Total Number.*

Year and Months.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
14 Years.	Totals .	100·00	552,360	9,563	22,248	39,848	1,652	71,604	9,082	30,569	13,906	99,605	34,037	20,604	128,134	71,508
	Males .	51·37	283,743	4,956	11,492	20,583	866	36,987	4,671	15,567	7,236	51,168	17,391	10,735	65,231	36,860
	Fem. .	48·54	268,122	4,579	10,726	19,202	779	34,551	4,395	14,972	6,661	48,349	16,597	9,839	62,893	34,579
	Unk. .	09	495	28	30	63	7	66	16	30	9	88	49	30	10	69
Jan.	Totals .	7·57	41,814	662	1,636	2,918	116	5,331	595	2,238	1,060	7,282	2,505	1,566	10,382	5,523
	Males .	3·89	21,497	325	821	1,522	63	2,790	331	1,109	553	3,764	1,262	771	5,275	2,911
	Fem. .	3·67	20,282	337	812	1,390	51	2,539	263	1,126	506	3,513	1,240	793	5,107	2,605
	Unk. .	·01	35	–	3	6	2	2	1	3	1	5	3	2	–	7
Feb.	Totals .	7·22	39,881	581	1,570	2,959	120	5,111	619	2,110	936	7,056	2,431	1,473	9,730	5,185
	Males .	3·71	20,528	306	816	1,540	55	2,655	322	1,068	514	3,645	1,234	742	4,868	2,763
	Fem. .	3·50	19,316	274	750	1,415	64	2,451	297	1,041	420	3,401	1,193	731	4,862	2,417
	Unk. .	·01	37	1	4	4	1	5	–	1	2	10	4	–	–	5
Mar.	Totals .	8·17	45,121	633	1,822	3,222	113	5,914	770	2,510	1,121	8,102	2,762	1,695	10,721	5,736
	Males .	4·23	23,321	321	965	1,681	70	3,110	396	1,252	572	4,134	1,403	867	5,546	3,004
	Fem. .	3·94	21,778	312	856	1,537	43	2,802	374	1,256	548	3,964	1,357	825	5,174	2,730
	Unk. .	–	22	–	1	4	–	2	–	2	1	4	2	3	1	2

Digitized by Google

TABLE XV. — Concluded.

Year and Months.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
April.	Totals .	7·56	41,743	602	1,802	3,047	134	5,413	697	2,333	1,088	7,360	2,556	1,642	9,496	5,573
	Males .	3·88	21,408	312	901	1,529	68	2,810	360	1,155	559	3,750	1,343	861	4,901	2,859
	Fem. .	3·68	20,314	290	900	1,516	65	2,600	336	1,177	529	3,607	1,212	778	4,594	2,710
	Unk. .	–	21	–	1	2	1	3	1	1	–	3	1	3	1	4
May.	Totals .	7·83	43,248	609	1,802	3,012	146	5,517	784	2,423	1,100	7,709	2,611	1,600	9,950	5,985
	Males .	4·02	22,218	338	933	1,566	77	2,883	404	1,221	577	3,962	1,346	852	5,046	3,013
	Fem. .	3 81	21,005	269	868	1,444	69	2,629	380	1,199	523	3,744	1,263	747	4,904	2,966
	Unk. .	–	25	2	1	2	–	5	–	3	–	3	2	1	–	6
June.	Totals .	7·93	43,799	684	1,839	3,037	142	5,741	723	2,391	1,127	7,856	2,678	1,646	10,128	5,807
	Males .	4·10	22,633	357	952	1,621	87	2,909	377	1,281	594	4,074	1,367	837	5,193	2,984
	Fem. .	3·83	21,136	326	884	1,412	55	2,829	346	1,109	533	3,775	1,309	805	4,935	2,818
	Unk. .	–	30	1	3	4	–	3	–	1	–	7	2	4	–	5
July.	Totals .	8·72	48,147	930	1,998	3,383	150	6,230	821	2,721	1,251	8,353	2,919	1,777	11,205	6,409
	Males .	4·46	24,622	474	1,001	1,749	78	3,160	436	1,347	628	4,343	1,509	920	5,749	3,228
	Fem. .	4·25	23,480	455	994	1,626	70	3,061	385	1,372	622	4,005	1,405	853	5,455	3,177
	Unk. .	·01	45	1	3	8	2	9	–	2	1	5	5	4	1	4
Aug.	Totals .	9·24	51,070	1,056	2,018	3,620	161	6,769	853	2,859	1,306	9,316	3,086	1,802	11,535	6,689
	Males .	4·72	26,097	544	1,041	1,843	85	3,412	432	1,476	676	4,790	1,619	975	5,798	3,406
	Fem. .	4·51	24,936	509	975	1,774	76	3,356	419	1,377	629	4,518	1,463	825	5,736	3,279
	Unk. .	·01	37	3	2	3	–	1	2	6	1	8	4	2	1	4

Digitized by Google

Sept.	Totals .	8·83	48,811	990	2,013	3,605	147	6,405	851	2,711	1,237	8,933	3,017	1,830	10.951	6,121
	Males .	4·54	25,096	535	1,064	1,865	71	3,294	437	1,366	623	4,625	1,543	956	5.593	3,124
	Fem. .	4·28	23,673	452	947	1,738	76	3,102	413	1,341	613	4,301	1,472	872	5,357	2,989
	Unk. .	·01	42	3	2	2	–	9	1	4	1	7	2	2	1	8
Oct.	Totals .	9·10	50,262	992	2,020	3,696	146	6,584	841	2,710	1,287	9,204	3,160	1,884	11,456	6,282
	Males .	4 68	25,854	491	1,076	1,905	86	3,381	458	1,416	667	4,625	1,600	997	5,865	3,287
	Fem. .	4·41	24,368	496	943	1,787	60	3,199	380	1,293	619	4,574	1,556	883	5,590	2,988
	Unk. .	·01	40	5	1	4	–	4	3	1	1	5	4	4	1	7
Nov.	Totals .	8·71	48,111	925	1,802	3,550	146	6,188	763	2,751	1,145	8,861	3,063	1,796	11,070	6,051
	Males .	4·47	24,687	483	942	1,827	67	3,236	366	1,406	592	4,548	1,500	980	5.609	3,131
	Fem. .	4 23	23,376	435	857	1,713	78	2,941	395	1,344	553	4,307	1,559	815	5,461	2,918
	Unk. .	·01	48	7	3	10	1	11	2	1	–	6	4	1	–	2
Dec.	Totals .	9·07	50,078	890	1,904	3,745	129	6,387	760	2,780	1,239	9,516	3,230	1,888	11,503	6,107
	Males .	4·65	25,684	468	972	1,915	58	3,341	350	1,455	679	4,886	1,658	974	5,787	3,141
	Fem. .	4·40	24,313	419	929	1,821	71	3,035	406	1,321	560	4,611	1,558	910	5,712	2,960
	Unk. .	·02	81	3	3	9	–	11	4	4	–	19	14	4	4	6
Not stated.	Totals .	·05	275	9	22	54	2	14	5	32	9	57	19	5	7	40
	Males .	·02	98	2	8	20	1	6	2	15	2	22	7	3	1	9
	Fem. .	·03	145	5	11	29	1	7	1	16	6	29	10	2	6	22
	Unk. .	–	32	2	3	5	–	1	2	1	1	6	2	–	–	9

Digitized by Google

SUPPLEMENT TO TABLE XV.

PLURALITY BIRTHS.—FOURTEEN YEARS—1865–78.

[Included in Tables XIV. and XV.]

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
14 YEARS.	Totals .	10,338	176	565	665	54	1495	197	588	254	1838	672	460	2034	1340
	Males .	5,271	83	281	347	27	781	103	287	122	928	368	239	1023	682
	Fem. .	5,063	93	284	318	25	714	94	301	132	910	304	221	1011	656
	Unk. .	4	–	–	–	2	–	–	–	–	–	–	–	–	2
Jan.	Totals .	771	20	37	45	6	115	16	22	18	138	52	34	169	99
	Males .	379	10	16	22	–	62	5	8	9	66	31	15	87	48
	Fem. .	390	10	21	23	4	53	11	14	9	72	21	19	82	51
	Unk. .	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Feb.	Totals .	640	8	36	40	6	79	10	40	14	110	52	28	125	92
	Males .	331	4	17	17	1	43	5	24	9	51	31	14	66	49
	Fem. .	309	4	19	23	5	36	5	16	5	59	21	14	59	43
Mar.	Totals .	694	4	44	28	2	111	17	39	30	131	46	32	118	92
	Males .	362	2	27	13	2	56	14	20	12	72	28	14	59	43
	Fem. .	332	2	17	15	–	55	3	19	18	59	18	18	59	49
April.	Totals .	825	10	44	44	8	132	16	30	22	138	66	36	167	112
	Males .	420	3	24	20	4	80	6	15	12	65	33	18	83	57
	Fem. .	405	7	20	24	4	52	10	15	10	73	33	18	84	55
May.	Totals .	847	12	42	55	4	125	19	56	22	162	30	46	154	120
	Males .	444	7	17	32	3	59	8	26	11	85	14	33	84	65
	Fem. .	403	5	25	23	1	66	11	30	11	77	16	13	70	55
June.	Totals .	952	10	54	72	4	137	16	60	20	160	73	38	187	121
	Males .	469	5	21	37	1	68	12	31	10	86	44	17	85	52
	Fem. .	483	5	33	35	3	69	4	29	10	74	29	21	102	69
July.	Totals .	865	26	46	58	4	136	22	54	20	163	44	34	126	132
	Males .	439	13	24	30	2	62	10	26	8	91	21	16	55	81
	Fem. .	426	13	22	28	2	74	12	28	12	72	23	18	71	51

Digitized by Google

SUPPLEMENT TO TABLE XV. — Concluded.

Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Totals .	987	18	72	69	4	149	14	60	30	170	56	30	190	125
	Males .	496	12	35	30	1	74	5	31	16	89	27	16	94	66
	Fem. .	491	6	37	39	3	75	9	29	14	81	29	14	96	59
Sept.	Totals .	926	22	69	78	6	129	20	62	14	142	34	51	180	119
	Males .	484	13	43	49	4	63	13	27	8	75	18	29	82	60
	Fem. .	440	9	26	29	2	66	7	35	6	67	16	22	98	57
	Unk. .	2	–	–	–	–	–	–	–	–	–	–	–	–	2
Oct.	Totals .	1,009	16	40	68	4	126	15	56	24	170	93	54	243	100
	Males .	520	4	21	40	4	73	11	25	10	73	55	25	123	56
	Fem. .	489	12	19	28	–	53	4	31	14	97	38	29	120	44
Nov.	Totals .	842	18	39	40	2	108	10	52	16	169	64	43	177	104
	Males .	432	4	21	27	1	53	3	27	5	83	32	24	101	51
	Fem. .	410	14	18	13	1	55	7	25	11	86	32	19	76	53
Dec.	Totals .	980	12	42	68	4	148	22	57	24	185	62	34	198	124
	Males .	495	6	15	30	4	88	11	27	12	92	34	18	104	54
	Fem. .	485	6	27	38	–	60	11	30	12	93	28	16	94	70

Digitized by Google

TABLE XVI.—STILL-BORN.—FOURTEEN YEARS—1865–78.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Still-births during the Fourteen Years 1865–78.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth	Suffolk.	Worcester
14 YEARS.	Totals .	16,626	225	218	1369	91	2095	104	522	210	2326	755	384	7086	1241
	Males .	9,333	114	118	766	45	1125	57	265	103	1318	385	198	4150	689
	Fem. .	6,297	84	67	500	25	810	36	189	90	795	289	140	2809	463
	Unk. .	996	27	33	103	21	160	11	68	17	213	81	46	127	89
Jan.	Totals .	1,335	15	7	115	11	166	3	39	11	184	54	30	602	98
	Males .	754	10	5	60	6	84	3	18	7	108	30	18	349	56
	Fem. .	517	3	–	45	5	71	–	17	2	59	19	10	247	39
	Unk. .	64	2	2	10	–	11	–	4	2	17	5	2	6	3
Feb.	Totals .	1,296	11	10	95	8	171	4	31	19	183	70	29	564	101
	Males .	748	6	4	56	7	93	3	16	10	112	35	15	334	57
	Fem. .	478	5	5	34	–	59	1	10	9	62	26	12	220	35
	Unk. .	70	–	1	5	1	19	–	5	–	9	9	2	10	9
Mar.	Totals .	1,471	15	23	159	4	174	4	54	22	192	65	27	634	98
	Males .	841	10	12	92	3	93	2	30	8	106	31	11	384	59
	Fem. .	533	4	9	56	–	64	1	19	12	66	24	10	235	33
	Unk. .	97	1	2	11	1	17	1	5	2	20	10	6	15	6
April.	Totals .	1,413	12	18	101	7	189	15	29	15	219	60	34	608	106
	Males .	818	8	9	49	4	103	7	15	9	131	34	18	366	65
	Fem. .	514	3	7	44	2	69	8	10	5	67	21	10	234	34
	Unk. .	81	1	2	8	1	17	–	4	1	21	5	6	8	7
May.	Totals .	1,340	14	17	114	5	157	9	36	21	203	55	26	595	88
	Males .	728	6	7	59	1	79	5	20	8	107	29	13	343	51
	Fem. .	537	6	6	44	2	70	3	11	11	78	21	10	241	34
	Unk. .	75	2	4	11	2	8	1	5	2	18	5	3	11	3
June.	Totals .	1,412	15	19	114	10	166	10	39	22	199	79	33	597	109
	Males .	811	7	12	69	6	95	5	20	10	123	45	18	345	56
	Fem. .	524	6	7	38	3	62	3	13	12	62	30	12	237	39
	Unk. .	77	2	–	7	1	9	2	6	–	14	4	3	15	14
July.	Totals .	1,406	20	19	126	8	154	10	43	17	195	64	29	611	110
	Males .	802	5	11	70	4	95	6	23	10	105	32	16	369	56
	Fem. .	515	10	4	45	3	50	4	14	5	71	25	7	231	46
	Unk. .	89	5	4	11	1	9	–	6	2	19	7	6	11	8

Digitized by Google

TABLE XVI. — Concluded.

Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Totals .	1,380	27	14	98	10	197	5	41	13	176	55	35	607	102
	Males .	774	10	10	56	1	100	3	18	7	99	27	14	371	58
	Fem. .	525	16	2	34	5	89	2	14	5	59	23	12	226	38
	Unk. .	81	1	2	8	4	8	–	9	1	18	5	9	10	6
Sept.	Totals .	1,294	23	13	99	9	165	9	53	14	199	55	16	541	98
	Males .	705	13	8	58	2	84	4	27	4	108	30	9	310	48
	Fem. .	503	8	3	36	2	66	4	23	10	72	17	5	219	38
	Unk. .	86	2	2	5	5	15	1	3	–	19	8	2	12	12
Oct.	Totals .	1,336	16	22	112	9	192	9	39	22	163	60	36	563	93
	Males .	746	7	12	69	6	110	4	16	14	84	32	13	330	49
	Fem. .	479	5	5	31	–	66	4	15	4	51	20	20	221	37
	Unk. .	111	4	5	12	3	16	1	8	4	28	8	3	12	7
Nov.	Totals .	1,348	30	33	106	6	161	11	53	14	197	54	44	531	108
	Males .	741	18	16	57	4	87	5	29	8	103	30	24	299	61
	Fem. .	533	11	11	41	1	61	4	20	5	79	18	17	223	42
	Unk. .	74	1	6	8	1	13	2	4	1	15	6	3	9	5
Dec.	Totals .	1,575	27	22	127	4	201	15	65	20	210	79	44	633	128
	Males .	858	14	12	70	1	100	10	33	8	130	30	28	350	72
	Fem. .	631	7	8	51	2	83	2	23	10	66	41	15	275	48
	Unk. .	86	6	2	6	1	18	3	9	2	14	8	1	8	8
Not stated.	Totals .	20	–	1	3	–	2	–	–	–	6	5	1	–	2
	Males .	7	–	–	1	–	2	–	–	–	2	–	1	–	1
	Fem. .	8	–	–	1	–	–	–	–	–	3	4	–	–	–
	Unk. .	5	–	1	1	–	–	–	–	–	1	1	–	–	1

Digitized by Google

TABLE XVII. — MARRIAGES. — FOURTEEN YEARS — 1865–78.

Distinguishing by Counties, and by Months, the Number of Marriages registered during the Fourteen Years 1865–78.

FOURTEEN YEARS. MONTHS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
FOURTEEN YEARS.	201,285	4,283	7,224	15,094	971	28,113	3,817	11,725	5,352	35,074	10,184	7,873	47,362	24,213
January . . .	18,468	546	581	1,460	94	2,446	344	1,183	455	3,112	860	706	4,396	2,285
February . . .	15,033	329	519	1,088	67	1,993	243	1,019	373	2,540	669	500	4,018	1,675
March	9,998	274	400	730	59	1,534	269	608	309	1,611	435	469	2,106	1,194
April	15,596	285	516	1,019	47	2,167	337	860	432	2,717	852	594	3,833	1,937
May	17,341	300	622	1,307	69	2,295	367	1,136	522	2,932	854	625	4,076	2,236
June	17,877	262	568	1,362	64	2,584	306	942	449	3,229	956	712	4,288	2,155
July	14,485	242	496	1,157	80	2,165	198	810	333	2,513	698	519	3,571	1,703
August	13,415	197	439	1,050	70	1,837	223	749	326	2,340	653	456	3,434	1,641
September . . .	17,305	212	730	1,250	77	2,359	293	989	461	3,262	851	638	4,190	1,993
October	20,160	337	771	1,444	126	2,769	374	1,133	532	3,568	1,104	708	4,931	2,363
November . . .	24,945	732	824	1,896	101	3,503	483	1,394	677	4,404	1,363	1,150	5,414	3,004
December . . .	16,315	562	588	1,320	114	2,453	366	853	482	2,801	887	778	3,101	2,010
Unknown . . .	347	5	170	11	3	8	14	49	1	45	2	18	4	17

Digitized by Google

TABLE XVIII.—MARRIAGES.—FOURTEEN YEARS—1865-78.

Exhibiting the Social Condition and Ages of Parties Married during the Fourteen Years 1865–78.

AGGREGATE —Of all Conditions.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	Over 75	Unknown.
All Ages.	201,285	39,832	88,532	40,415	14,541	7,972	4035	2303	1288	649	410	221	69	26	992
Und. 20	3,817	2703	1011	71	17	6	1	–	–		–	–	–	–	8
20 to 25	76,599	25661	43613	6334	692	161	18	5	3	1	–	–	–	–	111
25 to 30	62,387	8913	31550	18437	2707	533	86	27	4	2	–	–	–	1	127
30 to 35	24,950	1844	8329	9065	4399	1023	187	42	6	3	1	–	–	–	51
35 to 40	12,713	472	2684	3826	3105	2031	448	90	16	2	6	–	–	–	33
40 to 45	6,943	124	807	1486	1755	1575	898	221	37	9	2	1	–	–	28
45 to 50	4,819	57	326	731	1024	1240	795	503	107	17	2	1	–	–	16
50 to 55	3,180	23	111	281	493	725	686	460	302	57	22	7	–	–	13
55 to 60	2,052	13	49	115	212	400	434	393	251	132	28	10	1	1	13
60 to 65	1,549	4	19	40	85	179	306	311	282	186	98	28	4	1	6
65 to 70	919	2	11	11	35	58	103	164	179	131	119	83	14	1	8
70 to 75	502	–	4	6	10	30	48	60	75	79	88	61	32	8	1
75 to 80	172	–	–	1	1	3	16	20	18	28	37	25	14	8	1
Over 80	60	–	3	3	–	2	7	6	6	2	5	5	4	3	14
Unk. .	623	16	15	8	6	6	2	1	2	–	2	–	–	3	562

(A.) First Marriage of both Parties.

All Ages.	157,454	37,992	80,456	30,054	6,145	1,682	408	125	52	15	8	2	3	1	511
Und. 20	3,752	2694	982	57	10	3	–	–	–	–	–	–	–	–	6
20 to 25	73,501	25282	42276	5408	386	53	2	2	1	1	–	–	–	–	90
25 to 30	54,927	8238	29076	15685	1619	192	20	11	1	1	–	–	–	1	83
30 to 35	16,923	1421	6319	6401	2352	350	42	4	–	–	–	–	–	–	34
35 to 40	5,326	258	1413	1840	1154	555	80	9	2	–	1	–	–	–	14
40 to 45	1,656	58	263	445	424	300	126	27	7	1	–	–	–	–	5
45 to 50	649	17	85	156	139	139	68	35	5	–	1	–	–	–	4
50 to 55	250	6	20	40	48	61	38	18	13	3	–	–	–	–	3
55 to 60	100	2	8	11	7	21	22	12	10	5	–	–	–	–	2
60 to 65	42	2	2	3	3	6	7	5	6	2	5	–	1	–	–
65 to 70	16	–	2	1	2	1	2	–	5	1	1	1	–	–	–
70 to 75	9	–	–	1	–	1	1	2	1	1	–	–	2	–	–
75 to 80	2	–	–	1	–	–	–	–	–	–	–	1	–	–	–
Over 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk. .	301	14	10	5	1	–	–	–	1	–	–	–	–	–	270

Digitized by Google

TABLE XVIII.—Continued.

(B.) First Marriage of Male, and Second Marriage of Female.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	Over 75	Unknown.
All Ages.	10,295	136	1,798	3,312	2,542	1,484	584	224	98	31	18	6	1	–	61
Und. 20	59	7	27	14	7	3	1	–	–	–	–	–	–	–	–
20 to 25	2.104	84	835	778	281	99	15	3	2	–	–	–	–	–	7
25 to 30	3,336	38	635	1,491	809	277	53	10	3	–	–	–	–	–	20
30 to 35	2,228	6	201	686	841	369	94	20	4	2	–	–	–	–	5
35 to 40	1,309	1	68	245	404	398	139	36	9	2	3	–	–	–	4
40 to 45	618	–	19	64	126	186	151	54	10	3	1	1	–	–	3
45 to 50	317	–	8	22	44	90	72	51	25	5	–	–	–	–	–
50 to 55	176	–	3	8	18	39	36	31	29	7	3	–	–	–	2
55 to 60	56	–	1	4	5	15	14	7	4	4	1	–	–	–	1
60 to 65	48	–	–	–	5	4	7	8	10	7	4	3	–	–	–
65 to 70	11	–	–	–	–	–	1	3	2	–	4	1	–	–	–
70 to 75	5	–	–	–	1	1	–	–	–	–	1	1	1	–	–
75 to 80	3	–	–	–	–	–	–	1	–	1	1	–	–	–	–
Over 80	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Unk. .	24	–	1	–	1	3	1	–	–	–	–	–	–	–	18

(C.) Second Marriage of the Male, but First Marriage of the Female.

All Ages.	20,590	1616	5,660	5,412	3,530	2,220	1105	541	236	100	44	21	3	3	99
Und. 20	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	783	260	408	96	12	3	1	–	–	–	–	–	–	–	3
25 to 30	3,378	612	1,650	956	135	16	2	2	–	1	–	–	–	–	4
30 to 35	4,495	400	1,682	1,541	715	134	13	3	–	–	–	–	–	–	7
35 to 40	4,126	207	1,095	1,354	935	442	74	8	1	–	–	–	–	–	10
40 to 45	2,795	65	470	756	738	514	204	34	3	1	–	–	–	–	10
45 to 50	2,029	38	210	422	525	480	224	112	11	3	–	–	–	–	4
50 to 55	1,254	17	80	177	271	311	220	109	56	8	–	2	–	–	3
55 to 60	789	11	35	68	126	190	170	115	48	14	5	2	1	–	4
60 to 65	474	2	14	26	42	88	116	89	52	25	15	2	–	1	2
65 to 70	254	2	6	9	23	28	48	47	43	30	7	9	–	–	2
70 to 75	105	–	4	5	5	8	24	15	18	12	9	4	–	1	–
75 to 80	29	–	–	–	–	3	4	4	2	5	7	2	2	–	–
Over 80	15	–	1	–	–	2	4	3	2	1	1	–	–	1	–
Unk. .	63	2	4	2	3	1	1	–	–	–	–	–	–	–	50

Digitized by Google

TABLE XVIII.—Concluded.

(D.) Subsequent Marriage of both Parties.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	Over 75	Unknown.
All Ages.	12,440	45	528	1,562	2,298	2,567	1,933	1,409	899	499	340	191	62	22	85
Und. 20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25	126	12	56	40	11	6	–	–	–	–	–	–	–	–	1
25 to 30	634	14	151	267	137	48	11	4	–	–	–	–	–	–	2
30 to 35	1,264	14	117	427	482	166	38	15	2	1	1	–	–	–	1
35 to 40	1,933	3	106	382	610	632	154	37	4	–	2	–	–	–	3
40 to 45	1,857	1	55	217	463	569	416	106	17	4	1	–	–	–	8
45 to 50	1,813	1	23	130	314	528	430	304	66	9	1	1	–	–	6
50 to 55	1,494	–	8	55	156	313	391	301	203	39	19	4	–	–	5
55 to 60	1,106	–	5	32	74	173	228	259	189	109	22	8	–	1	6
60 to 65	980	–	3	10	35	81	175	209	213	150	74	23	3	–	4
65 to 70	634	–	3	1	10	29	52	112	128	99	107	72	14	1	6
70 to 75	382	–	–	–	4	20	23	43	56	65	78	56	29	7	1
75 to 80	138	–	–	–	1	–	12	15	16	22	29	22	12	8	1
Over 80	28	–	–	1	–	–	3	3	4	1	4	5	4	2	1
Unk. .	51	–	1	–	1	2	–	1	1	–	2	–	–	3	40

(E.) Condition of Parties not stated.

All Ages.	506	43	90	75	26	19	5	4	3	4	–	1	–	–	236
Und. 20	5	2	1	–	–	–	–	–	–	–	–	–	–	–	2
20 to 25	85	23	38	12	2	–	–	–	–	–	–	–	–	–	10
25 to 30	112	11	38	38	7	–	–	–	–	–	–	–	–	–	18
30 to 35	40	3	10	10	9	4	–	–	–	–	–	–	–	–	4
35 to 40	19	3	2	5	2	4	1	–	–	–	–	–	–	–	2
40 to 45	17	–	–	4	4	6	1	–	–	–	–	–	–	–	2
45 to 50	11	1	–	1	2	3	1	1	–	–	–	–	–	–	2
50 to 55	6	–	–	1	–	1	1	1	1	–	–	1	–	–	–
55 to 60	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
60 to 65	5	–	–	1	–	–	1	–	1	2	–	–	–	–	–
65 to 70	4	–	–	–	–	–	–	2	1	1	–	–	–	–	–
70 to 75	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–
75 to 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk. .	200	–	1	3	–	–	–	–	–	–	–	–	–	–	196

Digitized by Google

TABLE XIX.—DEATHS.—FOURTEEN YEARS—1865-78.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who have Died during the Fourteen Years 1865-78; also for the entire State, the Percentage of the Numbers in each Month (distinguishing Sex) to the Total Number.

14 Years. Months.	SEX.	Percentage.	STATE.	Barnstable	Berkshire.	Bristol.	Dukes and Nantucket	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
14 Years.	Totals .	100 00	411,117	7,670	14,605	30,781	2,396	55,145	7,588	22,355	10,738	74,319	22,513	16,254	97,297	49.456
	Males .	49 80	204,764	3,936	7,304	15,380	1,214	27,292	3,654	11,098	5,171	36,513	11,131	8,105	49,330	24,636
	Fem. .	50·07	205,852	3,690	7,251	15,363	1,179	27,776	3,911	11,223	5,544	37,745	11,359	8,105	47,949	24,757
	Unk. .	·13	501	44	50	38	3	77	23	34	23	61	23	44	18	63
Jan.	Totals .	7·94	32,642	561	1,147	2,413	209	4,284	598	1,690	818	6.003	1,793	1,260	7,975	3,891
	Males .	3 97	16,307	297	551	1,239	106	2,121	296	790	388	3,011	899	609	4,061	1,939
	Fem. .	3 97	16,312	263	596	1,173	103	2,159	301	900	430	2,988	892	647	3,912	1,948
	Unk. .	–	23	1	–	1	–	4	1	–	–	4	2	4	2	4
Feb.	Totals .	7·49	30,777	608	1,071	2,217	183	4,219	522	1,637	743	5.619	1,687	1,279	7,282	3,710
	Males .	3·72	15,282	329	528	1,081	81	2,106	239	818	358	2,733	826	648	3,721	1,814
	Fem. .	3·76	15,461	277	539	1,131	101	2,108	281	816	384	2,884	860	629	3,559	1,892
	Unk. .	01	34	2	4	5	1	5	2	3	1	2	1	2	2	4
Mar.	Totals .	8·39	34,493	687	1,246	2,456	208	4,617	640	1,850	963	6,184	1,917	1,432	8,166	4,127
	Males .	4·08	16,793	362	581	1,216	99	2,178	307	909	438	2,898	952	717	4,086	2,050
	Fem. .	4 30	17,659	322	659	1,238	109	2,433	331	939	523	3,284	962	709	4,079	2,071
	Unk. .	·01	41	3	6	2	–	6	2	2	2	2	3	6	1	6
April.	Totals .	7·84	32.221	608	1,190	2,412	216	4,384	563	1,720	876	5,605	1,789	1,377	7,549	3,932
	Males .	3 89	15,981	313	591	1,197	109	2,191	280	833	426	2,755	839	701	3,821	1,925
	Fem. .	3 94	16,205	292	595	1,212	106	2,190	281	882	448	2,845	949	673	3,728	2,002
	Unk. .	·01	35	3	4	3	1	3	2	5	2	5	1	1	–	5
May.	Totals .	7·70	31,671	543	1,060	2,248	206	4,180	626	1,713	1,052	5.579	1,777	1,352	7,464	3.871
	Males .	3 87	15,915	310	514	1,129	98	2,052	304	813	492	2,764	892	653	3,856	2,008
	Fem. .	3·82	15,724	231	544	1,119	108	2,123	315	867	560	2,809	884	697	3,608	1,859
	Unk. .	·01	32	2	2	–	–	5	7	3	–	6	1	2	–	4

Digitized by Google

June.	Totals .	6·67	27,435	537	935	1,862	169	3,629	508	1,486	711	4,966	1,547	1,133	6,591	3,361
	Males .	3·37	13,870	277	492	971	89	1,792	264	722	355	2,481	806	587	3,360	1,674
	Fem. .	3·29	13,527	257	441	889	80	1,830	244	760	354	2,478	737	544	3,228	1,685
	Unk. .	·01	38	3	2	2	–	7	–	4	2	7	4	2	3	2
July.	Totals .	9 40	38,630	616	1,165	2,802	191	4,864	593	2,448	947	7,101	1,986	1,225	10,047	4,645
	Males .	4·80	19,719	310	582	1,428	103	2,461	281	1,272	479	3,558	995	650	5,164	2,436
	Fem. .	4·59	18,858	299	578	1,372	88	2,392	309	1,175	465	3,540	989	570	4,882	2,199
	Unk. .	·01	53	7	5	2	–	11	3	1	3	3	2	5	1	10
Aug.	Totals .	11·24	46,215	771	1,671	3,471	193	6,513	874	2,529	1,179	8,724	2,496	1,675	10,376	5,743
	Males .	5·66	23,280	380	881	1,758	106	3,316	413	1,254	559	4,361	1,241	828	5,287	2,896
	Fem. .	5·56	22,869	382	785	1,708	87	3,185	459	1,269	619	4,356	1,254	842	5,083	2,840
	Unk. .	·02	66	9	5	5	–	12	2	6	1	7	1	5	6	7
Sept.	Totals .	9·58	39,379	787	1,462	3,167	248	5,445	782	2,047	1,026	7,096	2,234	1,611	8,705	4,769
	Males .	4·77	19,619	388	754	1,572	127	2,753	364	1,039	506	3,495	1,091	782	4,418	2,330
	Fem. .	4·79	19,706	397	699	1,591	121	2,683	418	1,004	511	3,597	1,140	826	4,285	2,434
	Unk. .	·02	54	2	9	4	–	9	–	4	9	4	3	3	2	5
Oct.	Totals .	8·29	34,073	678	1,294	2,717	198	4,670	679	1,826	868	6,081	1,906	1,393	7,693	4,070
	Males .	4 07	16,756	327	627	1,341	92	2,274	340	916	407	2,966	962	708	3,804	1,992
	Fem. .	4·21	17,280	345	667	1,370	106	2,391	339	908	459	3,110	943	683	3,889	2,070
	Unk. .	·01	37	6	–	6	–	5	–	2	2	5	1	2	–	8
Nov.	Totals .	7 54	30,994	620	1,186	2,506	177	4,125	612	1,716	818	5,421	1,627	1,249	7,468	3,469
	Males .	3·70	15,215	309	588	1,212	90	2,065	288	853	399	2,610	753	600	3,753	1,695
	Fem. .	3·83	15,747	309	594	1,291	86	2,057	322	861	419	2,806	874	643	3,715	1,770
	Unk. .	·01	32	2	4	3	1	3	2	2	–	5	–	6	–	4
Dec.	Totals .	7 89	32,458	642	1,158	2,487	190	4,200	590	1,684	728	5,929	1,745	1,261	7,981	3,863
	Males .	3 88	15,951	325	604	1,225	107	1,968	278	847	359	2,876	870	618	3,999	1,875
	Fem. .	4·00	16,461	315	547	1,258	83	2,225	310	836	369	3,045	871	637	3,981	1,984
	Unk. .	·01	46	2	7	4	–	7	2	1	–	8	4	6	1	4
Not stated.	Totals .	·03	129	12	20	23	8	15	1	9	9	11	9	7	–	5
	Males .	·02	76	9	11	11	7	15	–	2	5	5	5	4	–	2
	Fem. .	·01	43	1	7	11	1	–	1	6	3	3	4	3	–	3
	Unk. .	–	10	2	2	1	–	–	–	1	1	3	–	–	–	–

Digitized by Google

TABLE XX. — DEATHS. — FOURTEEN YEARS — 1865–78.

Distinguishing by Counties, by Age, and by Sex, the Registered Number of Persons who have Died during the Fourteen Years 1865–78; also for the entire State, the Percentage of the Numbers in each specified Age (distinguishing Sex) to the Total Number.

Age.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
ALL AGES.	Totals .	100·00	411,117	7,670	14,605	30,781	2,396	55,145	7,588	22,355	10,738	74,319	22,513	16,254	97,297	49,456
	Males .	49·80	204,764	3,936	7,304	15,380	1,214	27,292	3,654	11,098	5,171	36,513	11,131	8,105	49,330	24,636
	Females	50·07	205,852	3,690	7,251	15,363	1,179	27,776	3,911	11,223	5,544	37,745	11,359	8,105	47,949	24,757
	Unk. .	·13	501	44	50	38	3	77	23	34	23	61	23	44	18	63
Under 1.	Totals .	21·42	88,056	992	2,527	6,619	186	11,742	1,065	4,970	1,804	16,421	4,423	2,655	24,604	10,048
	Males .	11·70	48,127	556	1,424	3,729	103	6,428	586	2,667	981	8,905	2,397	1,465	13,272	5,614
	Females	9·60	39,468	394	1,060	2,856	80	5,243	457	2,274	805	7,461	2,004	1,146	11,314	4,374
	Unk. .	·12	461	42	43	34	3	71	22	29	18	55	22	44	18	60
1 to 2	Totals .	7·10	29,190	295	837	2,274	45	3,649	317	1,779	555	5,384	1,450	789	8,260	3,556
	Males .	3·69	15,181	160	459	1,165	24	1,931	160	907	282	2,774	747	430	4,279	1,863
	Females	3 41	14,003	135	377	1,109	21	1,717	156	870	273	2,610	703	359	3,981	1,692
	Unk. .	–	6	–	1	–	–	1	1	2	–	–	–	–	–	1
2 to 3	Totals .	3·35	13,757	187	479	1,000	31	1,783	165	827	277	2,512	703	370	3,659	1,764
	Males .	1 73	7,088	97	260	521	15	914	84	420	146	1,303	348	182	1,890	908
	Females	1 62	6,661	90	217	478	16	868	81	406	131	1,207	355	188	1,769	855
	Unk. .	–	8	–	2	1	–	1	–	1	–	2	–	–	–	1
3 to 4	Totals .	2 31	9,477	115	339	648	21	1,363	116	573	198	1,739	502	269	2,472	1,122
	Males .	1·17	4,786	57	196	316	9	689	58	284	94	886	234	117	1,267	579
	Females	1·14	4,687	58	143	332	12	673	58	288	104	852	267	152	1,205	543
	Unk. .	–	4	–	–	–	–	1	–	1	–	1	1	–	–	–

Digitized by Google

4 to 5	Totals .	1·67	6,884	85	239	510	30	983	89	407	135	1,293	374	172	1,755	812
	Males .	·84	3,469	45	108	263	14	476	42	213	72	674	195	82	907	378
	Females	·83	3,415	40	131	247	16	507	47	194	63	619	179	90	848	434
Under 5.	Totals .	35·85	147,364	1,674	4,421	11,051	313	19,520	1,752	8,556	2,969	27,349	7,452	4,255	40,750	17,302
	Males .	19·13	78,651	915	2,447	5,994	165	10,438	930	4,491	1,575	14,542	3,921	2,276	21,615	9,342
	Females	16·60	68,234	717	1,928	5,022	145	9,008	799	4,032	1,376	12,749	3,508	1,935	19,117	7,898
	Unk. .	·12	479	42	46	35	3	74	23	33	18	58	23	44	18	62
5 to 10	Totals .	4·31	17,708	247	718	1,270	79	2,529	279	1,117	441	3,404	1,044	589	3,964	2,027
	Males .	2 18	8,969	137	371	676	37	1,230	157	567	205	1,727	532	298	2,018	1,014
	Females	2·13	8,736	110	346	593	42	1,299	122	550	236	1,677	512	291	1,946	1,012
	Unk. .	–	3	–	1	1	–	–	–	–	–	–	–	–	–	1
10 to 15	Totals .	2·12	8,716	174	394	773	43	1,159	187	524	257	1,614	497	357	1,663	1,174
	Males .	1 00	4,127	79	180	313	15	533	76	296	127	765	238	159	806	540
	Females	1·12	4,589	95	214	360	28	626	111	228	130	849	259	198	857	634
15 to 20	Totals .	3·74	15,372	315	603	1,133	64	2,088	304	1,001	480	2,712	804	590	3,296	1,982
	Males .	1·64	6,736	158	263	446	33	899	130	432	188	1,159	383	235	1,553	857
	Females	2 10	8,635	157	340	687	31	1,189	174	569	291	1,553	421	355	1,743	1,125
	Unk. .	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–
20 to 30	Totals .	10·02	41,207	863	1,391	2,830	204	5,402	750	2,301	986	7,405	2,102	1,509	10,724	4,740
	Males .	4 58	18,816	442	619	1,275	122	2,325	313	1,051	427	3,203	942	707	5,237	2,153
	Females	5·44	22,390	420	772	1,555	82	3,077	437	1,250	559	4,202	1,160	802	5,487	2,587
	Unk. .	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
30 to 40	Totals .	8·02	32,991	613	1,059	2,261	174	4,219	543	1,691	833	6,149	1,702	1,160	8,993	3,594
	Males .	3·69	15,178	282	452	1,032	96	1,879	229	749	360	2,722	752	497	4,540	1,588
	Females	4·33	17,813	331	607	1,229	78	2,340	314	942	473	3,427	950	663	4,453	2,006

Digitized by Google

TABLE XX. — Concluded.

Age.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
40 to 50	Totals .	6·77	27,824	505	898	2,017	142	3,425	492	1,406	738	5,014	1,470	996	7,526	3,195
	Males .	3·39	13,935	263	443	1,017	69	1,677	219	714	345	2,465	723	491	3,950	1,559
	Females	3·38	13,888	242	454	1,000	73	1,748	273	692	393	2,549	747	505	3,576	1,636
	Unk. .	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–
50 to 60	Totals .	6·65	27,332	530	1,009	2,091	197	3,474	569	1,342	760	4,978	1,519	1,163	6,436	3,264
	Males .	3·52	14,464	274	534	1,107	100	1,768	301	688	384	2,665	817	657	3,485	1,684
	Females	3·13	12,868	256	475	984	97	1,706	268	654	376	2,313	702	506	2,951	1,580
60 to 70	Totals .	7·83	32,190	828	1,345	2,549	329	4,272	827	1,538	1,039	5,756	1,974	1,706	6,002	4,025
	Males .	4·05	16,668	450	697	1,352	197	2,165	412	766	522	2,989	1,035	920	3,028	2,135
	Females	3·78	15,522	378	648	1,197	132	2,107	415	772	517	2,767	939	786	2,974	1,890
70 to 80	Totals .	8·15	33,499	1,083	1,446	2,669	423	4,630	979	1,616	1,238	5,548	2,178	2,182	4,945	4,562
	Males .	3·86	15,869	545	705	1,242	206	2,146	463	789	613	2,573	1,075	1,123	2,117	2,272
	Females	4·29	17,630	538	741	1,427	217	2,484	516	827	625	2,975	1,103	1,059	2,828	2,290
80 to 90	Totals .	4·96	20,433	660	974	1,669	334	2,840	721	979	793	3,368	1,393	1,426	2,461	2,815
	Males .	2·02	8,316	308	435	683	140	1,104	348	433	349	1,325	560	617	802	1,212
	Females	2·94	12,117	352	539	986	194	1,736	373	546	444	2,043	833	809	1,659	1,603
90 to 100	Totals .	·89	3,650	106	190	326	64	504	125	164	108	631	261	239	429	503
	Males .	·29	1,196	39	74	114	18	162	42	63	34	197	85	82	136	150
	Females	·60	2,454	67	116	212	46	342	83	101	74	434	176	157	293	353

Digitized by Google

Over 100	Totals .	·05	208	2	16	16	3	19	4	8	4	46	9	5	40	36
	Males .	·02	70	1	7	7	–	3	1	3	1	17	2	1	14	13
	Females	·03	138	1	9	9	3	16	3	5	3	29	7	4	26	23
Not stated.	Totals .	·64	2,623	70	141	226	27	1,064	56	112	92	345	108	77	68	237
	Males .	·43	1,769	43	77	122	16	963	33	56	41	164	66	42	29	117
	Females	·20	838	26	62	102	11	98	23	55	47	178	42	35	39	120
	Unk. .	·01	16	1	2	2	–	3	–	1	4	3	–	–	–	–

Digitized by Google

APPENDIX.

LAWS

CONCERNING THE REGISTRATION OF BIRTHS, MARRIAGES, AND DEATHS.

[General Statutes — Chapter 21.]

OF THE REGISTRY AND RETURNS OF BIRTHS, MARRIAGES, AND DEATHS.

SECTION

1. City and Town Clerks to obtain, record, and index facts concerning Births, Marriages, and Deaths.
2. Parents and others to give notice of Births and Deaths.
3. Physicians to give Certificate of Cause of Death, when requested. Penalty.
4. Sextons, Undertakers, &c., to make returns to Clerks of Cities and Towns. Clerks to give Certificate of Registry of Death to the Person having charge of funeral rites *preliminary* to Interment, for delivery, &c. If Interment takes place without such Certificate, notice thereof to be given, under penalty of twenty dollars.
5. Clerk annually to transmit certified Copies of Records to Secretary.
6. Record or Certificate of Clerk to be *primâ facie* evidence in Legal Proceedings.
7. Clerks — Fees of, payable by City or Town; Accounts of, to be certified by Secretary. Penalty for neglect of duty.
8. Superintendents of State Almshouses to record, and return to Secretary, births and deaths therein.
9. Secretary to furnish Blank Books for Records and forms for Returns, with Instructions. Clerks to distribute the Blank Forms for Returns.
10. Secretary, — to cause Returns to be bound &c.; to Report annually to Legislature, &c.; to do all other acts necessary to secure the execution of the provisions of this chapter.
11. Registrars may be chosen, in certain cases, in place of Town Clerks.

SECTION 1. The clerk of each city and town shall receive or obtain, and record, and index, the following facts concerning the births, marriages, and deaths, therein, separately numbering and recording the same in the order in which he receives them, designated in separate columns:

In the record of births, the date of the birth, the place of birth, the name of the child (if it have any), the sex and color of the child, the names and the places of birth of the parents, the occupation of the father, the residence of the parents, and the date of the record;

In the record of marriages, the date of the marriage, the place of marriage, the name, residence, and official station of the person by whom married, the names and places of birth of the parties, the residence of each, the age and color of each, the condition of each

Digitized by Google

(whether single or widowed), the occupation, the names of the parents, and the date of the record.

In the record of deaths, the date of the death, the name of the deceased, the sex, the color, the condition (whether single, widowed, or married), the age, the residence, the occupation, the place of death, the place of birth, the names and places of birth of the parents, the disease or cause of death, the place of burial, and the date of the record.

SECTION 2. Parents shall give notice to the clerk of their city or town of the births and deaths of their children; every householder shall give like notice of every birth and death happening in his house; the eldest person next of kin shall give such notice of the death of his kindred; the keeper of a workhouse, house of correction, prison, hospital, or almshouse, except the state almshouses at Tewksbury, Bridgewater, and Monson, and the master or other commanding officer of any ship, shall give like notice of every birth and death happening among the persons under his charge. Whoever neglects to give such notice for the space of six months after a birth or death, shall forfeit a sum not exceeding five dollars.

SECTION 3. Any physician having attended a person during his last illness, shall — when requested within fifteen days after the decease of such person — forthwith furnish for registration a certificate of the duration of the last sickness, the disease of which the person died, and the date of his decease, as nearly as he can state the same. If any physician refuses or neglects to make such certificate, he shall forfeit and pay the sum of ten dollars to the use of the town in which he resides.

SECTION 4.* Every sexton, undertaker, or other person having charge of a burial-ground, or the superintendent of burials having charge of the obsequies or funeral rites preliminary to the interment of a human body, shall forthwith obtain and return to the clerk of the city or town in which the deceased resided or the death occurred, the facts required by this chapter to be recorded by said officer concerning the deceased, and the person making such return shall receive from his city or town the fee of ten cents therefor.

The clerk, upon recording such facts, shall forthwith give to the person making such return, a certificate that such return has been made, which certificate such person shall deliver to the person having charge of the interment, if other than himself, before the burial when practicable, otherwise within seven days thereafter. When a burial takes place and no certificate is delivered as aforesaid, the sexton, undertaker, or other person having charge of the interment, shall forthwith give notice thereof to the clerk under penalty of twenty dollars.

SECTION 5. The clerk of each city and town shall annually, on or before the first day of February, transmit to the secretary of the Commonwealth, certified copies of the records of the births, marriages, and deaths, which have occurred therein during the year ending on the last day of the preceding December.

SECTION 6. The record of the town clerk relative to any birth, marriage, or death, shall be *primâ facie* evidence, in legal proceedings,

* See chap. 202, on page clviii., following.

Digitized by Google

of the facts recorded. The certificate signed by the town clerk for the time being shall be admissible as evidence of any such record.

SECTION 7.* The clerk shall receive from his city or town for obtaining, recording, indexing, and returning to the secretary of the Commonwealth, the facts in relation to a birth, twenty cents; a marriage, ten cents; a death, twenty cents for each of the first twenty entries, and ten cents for each subsequent entry, as the same shall be certified by the secretary of the Commonwealth; but a city or town containing more than ten thousand inhabitants may limit the aggregate compensation allowed to their clerk. He shall forfeit a sum not less than twenty nor more than one hundred dollars for each refusal or neglect to perform any duty required of him by this chapter.

SECTION 8. The superintendents of the state almshouses at Tewksbury, Bridgewater, and Monson, shall obtain, record, and make return of the facts in relation to the births and deaths which occur in their respective institutions, in like manner as is required of town clerks. The clerks of said towns shall, in relation to the births and deaths of persons in said almshouses, be exempt from the duties otherwise required of them by this chapter.

SECTION 9. The secretary shall, at the expense of the Commonwealth, prepare and furnish to the clerks of the several cities and towns, and to the superintendents of the state almshouses, blank books of suitable quality and size to be used as books of record under this chapter, blank books for indexes thereto, and blank forms for returns, on paper of uniform size; and shall accompany the same with such instructions and explanations as may be necessary and useful. City and town clerks shall make such distribution of blank forms of returns furnished by the secretary as he shall direct.

SECTION 10. The secretary shall cause the returns received by him for each year to be bound together in one or more volumes with indexes thereto. He shall prepare from the returns such tabular results as will render them of practical utility, make report thereof annually to the legislature, and do all other acts necessary to carry into effect the provisions of this chapter.

SECTION 11. Any city or town containing more than ten thousand inhabitants, may choose a person other than the clerk to be registrar, who shall be sworn, and to whom all the provisions of this chapter concerning clerks shall apply. The returns and notices required to be made and given to clerks shall be made and given to such registrar under like penalties.

SECTION 12. The secretary of this Commonwealth shall prosecute, by an action of tort, in the name of the Commonwealth, for the recovery of any penalty or forfeiture imposed by this chapter.

SECTION 13. Any city or town may make rules and regulations to enforce the provisions of this chapter, or to secure a more perfect registration of births, marriages, and deaths, therein.

* See chaps. 138, 145 and 341, on pp. clvii. and clviii., following.

Digitized by Google

[General Statutes — Chapter 106.]

OF MARRIAGE.

SECTION
7. Notice of Intention of Marriage to be entered with Town Clerk.
8. Certificate of Record of Intention to be given to Parties by Clerk. Such certificate to be delivered to Person before whom Marriage is to be solemnized.
9. Certificate not to issue to certain Minors, except on application of Parent, &c. Penalty.
10. Clerk may require Affidavit of Age.
11. Penalty for making False Statement.
12. Parties living in State, and Married out of it, to file certificate on return. Penalty.
13. No Person to solemnize Marriage of a Minor, without consent of Parents, if any in the State competent to act.
14. Marriages, by Whom to be solemnized, and in what Place.
15. Marriages among Quakers.
16. Persons solemnizing Marriage to keep Record, and to make Returns to certain Town Clerks. Clerk to record all Marriages so returned.
17. Penalty for not making Returns.
18. Penalty for solemnizing a marriage unlawfully.
19. Penalty, on Person not authorized to Marry.
21. Record of Marriage, or certified copy thereof, presumptive evidence of Marriage.

SECTIONS 1, 2 and 3. [Marriage between certain relatives prohibited.]

SECTION 4. [Polygamy forbidden.]

SECTION 5. [Marriage contracted by insane persons or idiots, void.]

SECTION 6. [Marriage of persons marrying out of the state in order to evade, &c., void.]

SECTION 7. Persons intending to be joined in marriage, shall, before their marriage, cause notice thereof to be entered in the office of the clerk, or registrar of the city or town in which they respectively dwell, if within the State. If there is no such clerk or registrar in the place of their residence, the entry shall be made in an adjoining city or town.

SECTION 8. The clerk or registrar shall deliver to the parties a certificate under his hand, specifying the time when notice of the intention of marriage was entered with him, together with all facts in relation to the marriage required by law to be ascertained and recorded, except those respecting the person by whom the marriage is to be solemnized. Such certificate shall be delivered to the minister or magistrate in whose presence the marriage is to be contracted, before he proceeds to solemnize the same.

SECTION 9. If a clerk or registrar issues such certificate to a male under the age of twenty-one years, or a female under the age of eighteen years, having reasonable cause to suppose the person to be under such age, except upon the application or consent in writing of the parent, master, or guardian, of such person, he shall forfeit a sum not exceeding one hundred dollars; but if there is no parent, master, or guardian, in this State, competent to act, a certificate may be issued without such application or consent.

SECTION 10. The clerk or registrar may require of any person applying for such certificate, an affidavit sworn to before a justice of the peace for the county where the application is made, setting forth the age of the parties; which affidavit shall be sufficient proof of age to authorize the issuing of the certificate.

SECTION 11. Whoever applying for such certificate wilfully makes a false statement in relation to the age or residence, parent, master,

Digitized by Google

or guardian, of either of the parties intending marriage, shall forfeit a sum not exceeding two hundred dollars.

SECTION 12. When a marriage is solemnized in another State between parties living in this State, and they return to dwell here, they shall, within seven days after their return, file with the clerk or registrar of the city or town, where either of them lived at the time, a certificate or declaration of their marriage, including the facts concerning marriages required by law, and for every neglect they shall forfeit ten dollars.

SECTION 13. No magistrate or minister shall solemnize a marriage, having reasonable cause to suppose either of the parties to be under the age mentioned in section nine, without the consent of the parent or guardian having the custody of the minor, if there is any in the State competent to act.

SECTION 14. Marriages may be solemnized by a justice of the peace in the county for which he is appointed, when either of the parties resides in the same county; and throughout the State by any minister of the gospel ordained according to the usage of his denomination, who resides within the State and continues to perform the functions of his office; but all marriages shall be solemnized in the city or town in which the person solemnizing them resides, or in which one or both of the persons to be married reside.

SECTION 15. Marriages among the people called Friends or Quakers may be solemnized in the manner heretofore used and practised in their societies.

SECTION 16. Every justice of the peace, minister, and clerk, or keeper of the records of the meeting wherein any marriages among the Friends or Quakers are solemnized, shall make a record of each marriage solemnized before him, together with all facts relating to the marriage required by law to be recorded. He shall also between the first and tenth days of each month return a copy of the record for the month next preceding, to the clerk or registrar of the city or town in which the marriage was solemnized, and shall when neither of the parties to a marriage resides in the city or town in which the marriage is solemnized, return a copy of the record of such marriage to the clerk or registrar of the city or town in which one or both parties reside. All marriages so returned shall be recorded by the clerk or registrar

SECTION 17. Every person neglecting to make the returns required by the preceding section, shall forfeit for each neglect not less than twenty nor more than one hundred dollars.

SECTION 18. A justice of the peace or minister who joins persons in marriage contrary to the provisions of this chapter, knowing that the marriage is not duly authorized, shall forfeit not less than fifty nor more than one hundred dollars.

SECTION 19. Whoever undertakes to join persons in marriage knowing that he is not authorized so to do, shall be imprisoned in the jail or confined to hard labor for a term not exceeding six months, or pay a fine of not less than fifty nor more than two hundred dollars.

SECTION 20. [Unintentional informality does not invalidate marriage in other respects lawful.]

SECTION 21. The record of a marriage, made and kept as prescribed by law by the person before whom the marriage is solemnized, or by the clerk or registrar of any city or town, or a copy of such

Digitized by Google

record duly certified, shall be received in all courts and places as presumptive evidence of such marriage.

SECTION 22. [Admission of respondent, general repute, &c., competent evidence to prove the fact of marriage.]

SECTION 23. [Marriage in foreign countries by a consul or diplomatic agent valid, and certificate of such consul or agent presumptive evidence thereof.]

[General Statutes — Chapter 29.]

OF THE PUBLIC RECORDS.

SECTION 10. [County, city, and town records and files may be inspected and copied.]

SECTION 13. [Penalties; . . . . . for altering or mutilating any record, paper, or written document, a sum not exceeding fifty dollars, — for wrongfully detaining records, and other documents, fifty dollars.]

[General Statutes — Section 1 of Chapter 174.]

SENTENCE WHEN NO PUNISHMENT IS PROVIDED.

SECTION 1. In cases of legal conviction, where no punishment is provided by statute, the court shall award such sentence as is conformable to the common usage and practice in this State, according to the nature of the offence, and not repugnant to the constitution.

[Chapter 138.]

AN ACT CONCERNING THE REGISTRY AND RETURN OF MARRIAGES, BIRTHS, AND DEATHS.

SECTION 1. The clerk of each city and town (except in such cities and towns as choose a registrar, under the eleventh section of the twenty-first chapter of the General Statutes, in which cases the provisions of this act shall apply to the registrar), for receiving or obtaining, recording, indexing, and returning the facts relating to marriages, births, and deaths occurring therein, shall be entitled to receive therefrom the sums following, viz.: for each marriage, fifteen cents; for each birth, thirty cents; for each death returned to him by the persons specified in sections two, three, and four of chapter twenty-one of the General Statutes, twenty cents for each of the first twenty entries, and ten cents for each subsequent entry; for each death not so returned but by him obtained and recorded, twenty cents.

SECTION 2. Chapter ninety-six of the acts of the year eighteen hundred and sixty-five, and so much of section seven of the twenty-first chapter of the General Statutes as is inconsistent herewith, are hereby repealed.

SECTION 3. This act shall take effect upon its passage.

[*Approved April* 7, 1866.

Digitized by Google

[Chapter 58.]

AN ACT RELATING TO THE MARRIAGE OF NON-RESIDENT PARTIES.

SECTION 1. Persons living without the Commonwealth and intending to be joined in marriage within the Commonwealth, shall, before their marriage, cause notice of their intention to be entered in the office of the clerk or registrar of the city or town in which they propose to have the marriage solemnized; and no marriage between such parties shall be solemnized until they have delivered to the justice of the peace or minister, in whose presence the marriage is to be contracted, a certificate from such clerk or registrar, specifying the time when notice of the intention of marriage was entered with him, together with all facts in relation to the marriage required by law to be ascertained and recorded, except those respecting the person by whom the marriage is to be solemnized.

SECTION 2. Marriages may be solemnized by a justice of the peace in the county for which he is appointed.

SECTION 3. A justice of the peace or minister who joins persons in marriage contrary to the provisions of this act shall forfeit not less than fifty nor more than one hundred dollars.

[*Approved March* 11, 1867.

[Chapter 145.]

AN ACT FIXING THE FEES OF CLERKS AND REGISTRARS FOR THE REGISTRY AND RETURN OF BIRTHS.

SECTION 1. The clerk or registrar of a city or town shall receive the sum of fifty cents for receiving or obtaining, recording, indexing, and returning the facts relating to each birth; but a city or town containing more than ten thousand inhabitants may limit the aggregate compensation allowed to their clerk or registrar.

SECTION 2. This act shall take effect upon its passage.

[*Approved April* 2, 1873.

[Chapter 202.]

AN ACT RELATING TO THE FEES OF SEXTONS AND OTHERS.

SECTION 1. Section four of chapter twenty-one of the General Statutes is amended by striking out the word "ten" after the words "fee of," and inserting instead thereof, the words "twenty-five."

SECTION 2. This act shall take effect upon its passage.

[*Approved April* 16, 1873.

[Chapter 341.]

AN ACT CONCERNING FEES OF TOWN CLERKS FOR OBTAINING AND RECORDING THE FACTS RELATING TO DEATHS.

Chapter one hundred and thirty-eight of the acts of the year eighteen hundred and sixty-six is amended by striking out the words "twenty cents," at the close of section one, and substituting therefor the words "thirty-five cents." [*Approved June* 6, 1873.

Digitized by Google

[Chapter 21.]

AN ACT TO AMEND SECTION FIVE OF CHAPTER TWENTY-ONE OF THE GENERAL STATUTES, IN RELATION TO THE REGISTRY AND RETURN OF BIRTHS, MARRIAGES, AND DEATHS.

SECTION 1. Section five of chapter twenty-one of the General Statutes is hereby amended by striking out the word "February" in the second line of said section, and inserting in place thereof the word "March."

SECTION 2. This act shall take effect upon its passage.

[*Approved February 19, 1875.*

[Chapter 341.]

AN ACT TO PROVIDE FOR THE MORE ACCURATE REGISTRATION OF VITAL STATISTICS.

SECTION 1. No human body shall be buried, or removed from any city or town, until a proper certificate has been given by the clerk or local registrar of statistics to the undertaker or sexton, or person performing the burial, or removing the body. This certificate shall state that the facts required by chapter twenty-one of the General Statutes have been returned and recorded; and no clerk or local registrar shall give such certificate or burial permit until the certificate of the cause of death has been obtained from the physician, if any, in attendance at the last sickness of the deceased, and placed in the hands of said clerk or local registrar: *provided* that, in those cities and towns where local boards of health have been established, the certificate of the cause of death shall be approved by such board before a permit to bury is given by the registrar or clerk.

Upon application, the chairman of the local board of health, or any physician employed by any city or town for such purpose, shall sign the certificate of the cause of death to the best of his knowledge and belief, if there has been no physician in attendance. He shall also sign such certificate, upon application, in case of death by dangerous contagious disease, or in any other event when the certificate of the attending physician cannot for good and sufficient reasons be early enough obtained.

In case of death by violence, the medical examiner attending shall furnish the requisite medical certificate.

Any person violating the provisions of this section shall be punished by a fine not exceeding twenty-five dollars.

SECTION 2. This act shall take effect on the first day of May, in the year eighteen hundred and seventy-eight; and all acts and parts of acts inconsistent herewith are hereby repealed.

[*Approved April 23, 1878.*

Digitized by Google

STATISTICAL NOSOLOGY

ADOPTED FOR REGISTRATION IN MASSACHUSETTS.

THE following plan of a Nomenclature and Classification of Diseases does not essentially differ from that authorized by the Registrar-General of England to be used in the preparation of the "Weekly Return of Births and Deaths in London," and is also, with slight modifications, identical with that embodied in a report drawn up by William Farr, Esq., M.D., of London, for the consideration of the International Statistical Congress which met at Paris in September, 1855; which report was printed in the Appendix to the Sixteenth Registration Report of the Registrar-General, England.

[NOTE.—This page and those that follow contain two lists of causes of death. The first—that on the left side—may be called the TABULAR LIST, and comprises all the heads which it is proposed to admit into the complete tables (IX. and X.), and under which ALL deaths, from whatever cause, are finally distributed. It represents those diseases which, under the same terms, or terms strictly synonymous with them, are found in practice to occur most frequently.

The SUPPLEMENTAL LIST is *subordinate* to the first, and contains the principal *special* diseases which it may be considered desirable to note. The figures in this list indicate the corresponding numbers of the tabular list under which such diseases are ultimately arranged.

Table VIII. includes both the Tabular and Supplemental lists; Tables IX. and X. the Tabular list only.]

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST. *Of Diseases of Special Character (or Synonymes).*
CLASS I. ZYMOTIC DISEASES.	
ORDER I.—*Miasmatic.*	
I. 1.—1. Small-pox	I. 1.—1. Vaccination not stated. Small-pox (second attack). After vaccination. Erysipelas, &c., after vaccination. Chicken-pox. Miliaria.
2. Measles	
3 Scarlatina	3. Angina maligna.
4. Diphtheria	
5. Cerebro-spinal Meningitis	5. "Spotted fever."
6. Quinsy	6. Mumps. Tonsillitis.
7. Croup	
8. Whooping-Cough	9. Typhus fever.
9. Typhoid (and Infantile Fever)	10. Pyemia. Hospital gangrene. Erythema.
10. Erysipelas	
11. Metria (Puerperal Fever)	11. Childbed fever.
12. Carbuncle	12. Anthrax.
13. Influenza	
14. Dysentery	
15. Diarrhœa	
16. Cholera Infantum	18. Intermittent fever.
17. Cholera	
18. Ague	19. Yellow fever.
19. Remittent Fever	20. Rheumatism, with pericarditis, or disease of heart.
20. Rheumatism	

Digitized by Google

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST.
ORDER 2 — *Enthetic.*	
I. 2. — 1. Syphilis	I. 2. — 1. Gonorrhœa.
2. Stricture of Urethra	Purulent ophthalmia.
3. Hydrophobia	6. Necusia (usually from dissection wounds).
4. Glanders	
5. Malignant Pustule	
6. Septicæmia	
ORDER 3. — *Dietic.*	
I. 3. — 1. Privation	I. 3. — 1. Want of breast milk.
2. Purpura and Scurvy	2. Rickets.
3. Delirium Tremens, } (Alcoholism),	Bronchocele.
4. Intemperance, }	
ORDER 4. — *Parasitic.*	
I. 4. — 1. Thrush	I. 4. — 2. Porrigo.
2. Worms, &c.	Scabies.
	Tape-worm.
	Hydatids.
	Trichiniasis.
CLASS II. — CONSTITUTIONAL DISEASES.	
ORDER 1. — *Diathetic.*	
II. 1. — 1. Gout	II. 1. — 3. Leucocythæmia.
2. Dropsy	4. Soft Cancer.
3. Anæmia	Epithelioma.
4. Cancer	Sweeps' Cancer.
5. Noma (Canker)	Melanosis.
6. Mortification	Other kinds of Cancer.
	Polypus (part not stated).
	Lupus.
	6. Bed-sore.
	Dry gangrene.
ORDER 2. — *Tubercular.*	
II. 2. — 1. Scrofula	II. 2. — 1. Psoas (Lumbar) abscess.
2. Tabes Mesenterica	White swelling.
3. Phthisis (Consumption of Lungs)	Cretinism.
4. Hydrocephalus	2. Tubercular peritonitis.
	3. Hæmoptysis.
	4. Tubercular meningitis.
CLASS III. — LOCAL DISEASES.	
ORDER 1. — *Nervous System.*	
III. 1. — 1. Cephalitis	III. 1. — 1. Phrenitis. Myelitis.
2. Apoplexy	4. Monomania.
3. Paralysis	Fright.
4. Insanity	Grief.
5. Chorea	Melancholia.
6. Epilepsy	Rage.
7. Tetanus	6. Hysteria.
8. Convulsions	8. Laryngismus stridulus.
9. *Brain Diseases,* &c.*	9. Neuralgia.
	Ophthalmia.
	Otitis.
	Dis. of spinal nerve.
	Necrencephalus, — Ramollissement.

* Other diseases of the brain, or diseases of the nervous system, *not otherwise distinguished*, are referred to this head. *Mutatis mutandis*, the note applies to the corresponding heads in other orders of this class.

Digitized by Google

STATISTICAL NOSOLOGY.

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (Continued.)	
Order 2. — *Organs of Circulation.*	
III. 2. — 1. Pericarditis *	III. 2.—1. Carditis.
2. Aneurism	Endocarditis.
3. *Heart Diseases, &c.*	3. Hypertrophia.
	Angina pectoris.
	Syncope.
	Arteritis.
	Phlebitis.
	Hydropericardium.
Order 3. — *Respiratory Organs.*	
III. 3. — 1. Epistaxis	III. 3.—2. Œdema glottidis.
2. Laryngitis	4. Empyema.
3. Bronchitis	Hydrothorax.
4. Pleurisy	Diaphragmitis.
5. Pneumonia	Pneumothorax.
6. Asthma	5. Pulmonary apoplexy.
7. *Lung Diseases, &c.*	6. Grinders' asthma.
	Miners' asthma.
	Emphysema.
Order 4. — *Digestive Organs.*	
III. 4. — 1. Gastritis	III. 4.—1. Glossitis.
2. Enteritis	Stomatitis.
3. Peritonitis	Pharyngitis.
4. Ascites	Œsophagitis.
5. Ulceration of Intestines	5. Perforation of —
6. Hernia	6. Congenital.
7. Ileus	Femoral.
8. Intussusception	Inguinal.
9. Stricture of Intestines	Scrotal.
10. Fistula	Umbilical.
11. *Stomach Diseases, &c.*	Ventral.
12. *Pancreas Disease, &c.*	7. Constipation.
13. Hepatitis	9. Strict. œsophagus.
14. Jaundice	11. Dyspepsia.
15. *Liver Disease, &c.*	Pyrosis.
16. *Spleen Disease, &c.*	Gastralgia.
	Hæmatemesis.
	Melæna.
	Hæmorrhoids.
	14. Gall-stones.
	15. Cirrhosis.
Order 5. — *Urinary Organs.*	
III. 5. — 1. Nephritis	III. 5.—3. Albuminuria.
2. Ischuria	6. Cysturrhœa.
3. Nephria (Bright's Disease)	7. Diuresis.
4. Diabetes	Hæmaturia.
5. Calculus (Gravel, &c.)	Dis. of prostate.
6. Cystitis	Dis. of bladder.
7. *Kidney Disease, &c.*	
Order 6. — *Generative Organs.*	
III. 6. — 1. Ovarian Dropsy	III. 6.—2. Hysteritis, Metritis (Inflammation of womb).
2. *Disease of Uterus, &c.*	Ovarian tumor.
	Uterine tumor.
	Polypus uteri.
	Orchitis.
	Hydrocele.

* [See also I. 1. — 20.]

Digitized by Google

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (CONTINUED.)	
ORDER 7. — *Organs of Locomotion.*	
III. 7. — 1. Arthritis	III. 7.—1. Ostitis. Periostitis.
2. *Joint Disease, &c.*	2. Fragilitas ossium. Mollities ossium. Caries. Necrosis. Exostosis. Hip Disease. Spine Disease.
ORDER 8. — *Integumentary System.*	
III. 8. — 1. Phlegmon	III. 8.—1. Abscess (part not stated.) Boil. Whitlow.
2. Ulcer.	3. Roseola. Urticaria. Eczema.
3. *Skin Diseases, &c.*	Herpes. Pemphigus. Ecthyma. Impetigo. Psoriasis, &c.
CLASS IV. — DEVELOPMENTAL DISEASES.	
ORDER 1. — *Developmental Diseases of Children.*	
IV. 1. — 1. Still-born	IV. 1.—2. Atelectasis.
2. Premature Birth, and Infantile Debility	5. Anus imperforatus. Cleft palate. Idiocy.
3. Cyanosis	
4. Spina Bifida	
5. Other Malformations . . .	
6. Teething	
ORDER 2. — *Developmental Diseases of Women.*	IV. 2.—1. Chlorosis. Climacteria. Menorrhagia.
IV. 2. — 1. Paramenia	2. Miscarriage. Abortion. Puerperal mania. Puerperal convulsions. Phlegmasia dolens. Cæsarian operation. Extra-uterine fœtation. Flooding. Retention of placenta. Presentation of placenta. Deformed pelvis. Breast abscess.
2. Childbirth. (See Metria I. 1.—9.)	
ORDER 3. — *Developmental Diseases of Old People.*	
IV. 3. — 1. Old Age	
ORDER 4. — *Diseases of Nutrition.*	
IV. 4. — 1. Atrophy and Debility . .	

Digitized by Google

STATISTICAL NOSOLOGY.

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS V. — VIOLENT DEATHS.	
ORDER 1. — *Accident or Negligence.*	
V. 1. — 1. Fractures and Contusions . .	V. 1.—1. Railroad Accidents.
2. Wounds	5. Lost at sea.
3. Burns and Scalds . . .	6. Asphyxia.
4. Poison.	Strangulation.
5. Drowning	7. Exposure.
6. Suffocation	Cold water.
7. Otherwise *	Frozen.
8. "Casualty" †	Heat.
	Lightning.
	Surgical operation.
ORDER 2. — *Battle.*	
ORDER 3. — *Homicide.*	
ORDER 4. — *Suicide.*	
V. 4. — 1. Wounds	
2. Poison	
3. Drowning	
4. Hanging	
5. Otherwise	
ORDER 5. — *Execution.*	
V. 5. — 1. Hanging	
Sudden, cause unascertained . .	

NOTE. — Cases of "infantile fever" are classed with typhoid, relapsing, and other continued fevers, under one name, "typhoid fever;" of "rheumatic fever," with "rheumatism;" of "hemorrhage," and "abscess," with the diseases of the part affected (if that is stated, as it should always be, in the return). As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as I. 2. — 2. All cases of death returned "unknown," or of which the cause is not stated, and cases of "tumor," "inflammation," or "hemorrhage," of which the locality or part affected is not mentioned, are classed as unknown, and therefore not included in the foregoing table of specified causes.

* Manner stated. † Manner not stated; return therefore imperfect.

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google

Digitized by Google